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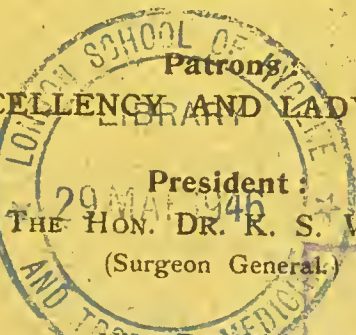
THE BABY SAVING LEAGUE

OF
BRITISH GUIANA.

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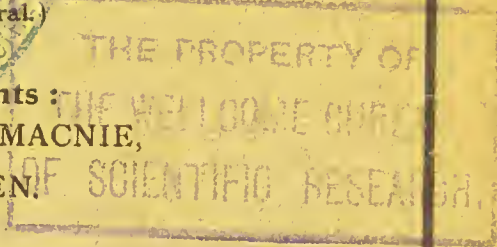
THE FIRST ANNUAL REPORT, 1914.

Patrons:
HIS EXCELLENCY AND LADY EGERTON.



President:
THE HON. DR. R. S. WISE,
(Surgeon General.)

Vice-Presidents:
THE REV. R. L. MACNIE,
DR. CRAIGEN.



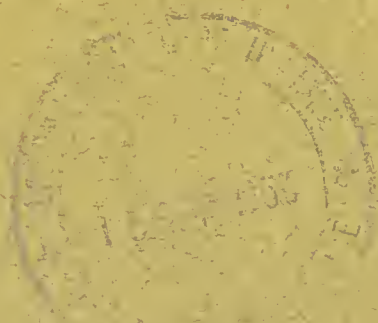
Committee :

HIS LORDSHIP THE BISHOP OF
GUIANA.
HIS LORDSHIP BISHOP GALTON.
THE MAYOR OF GEORGETOWN.
THE MAYOR OF NEW AMSTERDAM.
THE REV. R. L. MACNIE.
THE REV. E. D. JONES.
DR. OZZARD.
DR. WISHART.

MRS. WIETING.
MRS. CLEMENTI.
MRS. MINETT, M.B.
MRS. WABY.
MRS. CHARLES SMITH.
(Salvation Army.)
Miss BRIDGE.
DR. MINETT.
MRS. RUSSELL GARNETT.

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THE FIRST ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1914.

In the last fifty years the heavy loss of life amongst infants has gradually become a matter of public attention and whereas half a century ago the subject was little known and little investigated, at the present moment, few countries of any importance are without active measures directed to minimise this mortality. The interest in the subject has been growing gradually in all countries until finally it culminated in an important conference on Infant Mortality, held in London in August, 1913, and to which all English-speaking countries sent delegates. At this great congress, the Colony of British Guiana was represented by the Hon. Sir Joseph Godfrey (Surgeon General). Bringing back to the colony the enthusiasm and inspiration of the Congress, the Surgeon General took early steps to bring the importance of the subject before the Government and the Public. It was very apparent that ample need existed for work along the lines laid down at the Congress, and it is not out of place to refer to the fact that this was recognised in the colony as long ago as 1889. Dr. Grieve, then Surgeon General, wrote :

“Thus of the children 26% die before they attain the age of five. This, in a country where climatic conditions are peculiarly favourable to infant life, is sufficient indication of the necessity of improvement in sanitation, etc.”

The Hon. Sir Joseph Godfrey as Surgeon General, himself, in 1903, makes the pregnant remark :

“There can be only one conclusion and that is that the Infantile Mortality of the whole colony is excessive, but for the City of Georgetown it is appalling. The time has certainly arrived for active steps to be taken to reduce the terrible loss of infant life.”

In 1905 special inquiry was directed by the Government, and a Commission was appointed to investigate *inter alia* the general Infantile Mortality and the Infantile Mortality of Georgetown. The report of this Commission acknowledged that the rate of Infantile Mortality was high, and offered valuable suggestions for its reduction. The extent and range of the mortality among infants is indicated by Table 1 which shows the number of deaths of infants to each 1,000 births since 1871 to the present date. Table 2 indicates a similar record for Georgetown and New Amsterdam.

The need of such an organization with the objects of the Baby Saving League is thus amply apparent, and in the early part of 1914 active measures were initiated to definitely form the League.

Lady Egerton expressed her special interest in the work, and under the direction of the Hon. Sir Joseph Godfrey (Surgeon General) the preliminary steps were soon taken.

There had been in existence for many years a Children's Protection Society which had done pioneer work since 1890. It was felt advisable that the new League with a wider scope and more active organization should take over the functions of this society. On February 12th, 1914, steps were taken to this end and the inaugural meeting of the Baby Saving League was held in the Town Hall, Georgetown, at the same time as the necessary action was taken to dissolve the Children's Protection Society. The work of the Society has been definitely assumed as an obligation by the new League, and a special Committee consisting largely of the old members of this Society has been formed specially to safeguard the interest of the Society, and to continue acting as a deterrent against cruelty to little children. The general Committee was appointed at this meeting as follows:—President, the Hon. Sir Joseph Godfrey (Surgeon General); Members, Their Lordships the Bishop of Guiana and Bishop Galton; The Mayors of Georgetown and New Amsterdam, Reverends R. I. Macnie and E. D. Jones, Hon. F. Dias, Drs. Wise, Minett, Ozzard, Wishart and Craigen; Mr. Russell Garnett, Mr. Wieting, Clementi, De Rinzy, Minett, Miss Bridge; Hon. Treasurer, Dr. Rowland and Hon. Secretary, Mrs. Seton Milne. Shortly afterwards special sub-committees were formed to deal with the Women's Branch, the protection of children, and with the establishment of Baby Clinics,

Many changes have occurred in the Committee more especially the retirement of the Surgeon General. The Hon. Dr. K. Wise, his successor, was elected to the post of President. Mr. Seton Milne unfortunately had to resign the post of Hon. Secy.

ry, and Mrs. Douglass Smith kindly consented to carry on the work until finally a paid secretary was appointed in the latter part of the year.

Mrs. Waby, Mrs. Charles Smith, Mr. Cook and Mr. Solomon were later coopted on the Committee.

The League has met with willing support and generous appreciation on all sides. His Excellency the Governor and Lady Egerton consented to become Patrons, and on all occasions and at all times, have given frequent evidence of their special interest in the work of this League, and their kind readiness to attend at the meetings of the League has done much to ensure the success of its efforts. On February 24th simultaneous meetings were held at four separate places in Georgetown. In each hall the objects of the League were explained to crowded audiences.

On March 9th, Lady Egerton invited the members and associates of the League to a grand fête at Government House. The success exceeded expectations, and it is estimated that 800 persons availed themselves of the invitation and evinced their interest in the movement.

An appeal to the Government for a grant-in-aid towards the work of the League met with a generous response and \$2,000 was approved for the year 1914-15.

On March 18th, an enthusiastic meeting in the Town Hall at New Amsterdam inaugurated the formation of a branch in that town.

On May 11th, the first country branch was formed at Agricola for the villages on the East Bank of the Demerara River.

On May 25th, a further branch was formed at Bartica in the Essequibo River.

As the work increased, it was found necessary on October 5th to appoint a paid Secretary to deal with the increasing correspondence and to prepare the necessary reports.

On November 5th, the Lady Superintendent to the League arrived from England and assumed her duties. The League is much indebted to Sir Joseph Godfrey and Dr. Conyers for the active interest they displayed in obtaining the selection of Miss Lumming for this post.

On November 24th, the fourth branch of the League was formed at Pouteroyen to control the work of the West Bank of the Demerara River. On December 4th a fifth branch was formed at Buxton on the East Coast for the purpose of prosecuting the work of the League in this large village.

The object of the League is to take all measures possible to check the unnecessary deaths of infants. In accomplishing this object, efforts are made to gain the confidence of the people and though working silently and quietly, the League reaches right down to the cottages, ranges and mean streets of the towns and villages, and gathers in as many women and young girls as is possible as members or associates.

The provision of a qualified and registered mid-wife in the district of each branch whose duties are to visit all infants under one year of age, and also to care for the expectant mother and offer her services in the time of need is an urgent necessity. This has been definitely recognised by the League, and is one of the foremost objects of its campaign.

In each district a clinic for babies has been formed, and at each the babies are brought fortnightly to the practitioner who attends to advise, to caution and to treat.

The League early in its work has been faced by many difficult problems; some of these are due to vice, some due to poverty, some depend for their solution upon the continued development of hygienic measures, and most are linked with ignorance and prejudice.

Invaluable assistance has been rendered by the Poor Law Commissioners to whom the League tender their thanks. Cases of utter destitution are fortunately very rare, but it is regrettable to find that cases of paternal neglect are common. Wherever possible, action has been taken to fix the responsibility in this case.

Relief is given to a few genuine necessitous cases in the form of milk tickets on selected vendors for varying periods. Many infants have been obviously benefited by the regular supply of good milk.

Special efforts have been directed towards enlightening ignorance and dispelling superstition, and towards gaining the entire sympathy and co-operation of the people themselves. The success or failure of the League's work must largely depend upon the goodwill and the interest of the people. They must be willing to abandon many cherished notions and time-honoured practices in the rearing of their babies, and it is recognised that everyone who carries out the Doctor's advice, and the precepts of the League, is an example to careless mothers.

The League has devoted attention to the cause of mortality in infants, and would draw attention to the very heavy mortality

fore birth if it may be so phrased. A table of still births is attached. Further investigation is required on this subject but much of this mortality is undoubtedly due to disease and vice.

At birth, death of the infant is regrettably frequent, as is also that of the mother. Disease of the mother plays a prominent part in causing these tragedies. A very great deal of this Mortality might however be prevented if skilled assistance were available, and if the present unskilled, unregistered midwife, was prevented from carrying on practices which are the superstition of a bygone age. The League records with satisfaction the connection of four unregistered midwives in the East Bank district. After birth, the causes of death are largely due to ignorance in bringing up and feeding a baby. Breast feeding is much neglected, and in almost every house may be found a bottle generally in a very dirty condition and of bad construction.

It is clear that a serious problem awaits solution when it is realised that one in every 10 births is still born, that one-third of the deaths of infants occur in the first week, and that one-half of the deaths of infants occur within the first month of life.

GEORGETOWN.

In this League district, two clinics were established during April. By the enterprise of the Medical Officers of the Public Hospital, more particularly Drs. Craigen and MacQuaide, a clinic had already been in operation for several years, attendance being however limited to those babies born in the maternity department of the hospital.

The City was now divided into two parts, North and South of Broad Street; those infants to the North proceeding to the hospital, those to the South attending the Clinic newly established at Broad Street.

Two years ago the Municipality provided two Lady Health Visitors to visit mothers and infants; subsequently a third visitor was appointed, and a request by the Medical Officer of Health for a fourth was denied. The League in July arranged to supply a fourth Lady Visitor who is under the entire control of the Medical Officer of Health to serve the Stabroek, Werk-en-rust and Wortmanville districts. The system of out-door midwives attached to the Public Hospital, and supplied to necessitous mothers has been in operation six years. This has been an unquestioned boon, and of the utmost value. During 1914, four such midwives were at work, and a table is attached showing the work done.

On September 30th, the first Baby Show was held in connection with the League at the Public Hospital. Nearly 700 babies were presented, including 37 from the East Bank District. The excellent appearance of the babies on a whole was undeniable proof of the good results, brought about by the Lady Health Visitors and showed that their advice and instructions had not passed by unheeded.

NEW AMSTERDAM.

This branch was formed on March 18th, and the following Committee elected.

President, Mrs. Conyers; Members, Mrs. Mendonca, Harris, Parratt, Mahadeo, Shields, Wreford, Watson, Miss Ho-A-Hing, Mrs. Wiggon and Johnson, Drs. Conyers, McKinnon, Luckhoo, Mr. Abbensetts, Ferreira, Father Darby, the Revs. McGill, Frank, Watson, Moody, Hon. Treasurers, Mrs. Scudamore and Mrs. Abbensetts, and Hon. Secretary Miss Fleming.

During the course of the year Mrs. Shankland and Mrs. Beckett have acted as President.

Four public meetings were held at the end of March, and beginning of April to introduce the League to the public and explain its objects.

In March a Clinic was established at the Public Hospital in this town, and in May a League nurse midwife was appointed, whose duties are to visit all babies and mothers in addition to midwifery duties.

On May 25th a League Fête was held at which His Excellency and Lady Egerton were present.

On December 21st a Baby Show was instituted at which 62 infants were presented. The condition of the babies competing was, in general, excellent, and reflects great credit on the Committee in New Amsterdam.

The Executive Committee of the League desire to record their appreciation of the excellent results accomplished by this Branch and their admiration of the whole-hearted way in which the Members of the Committee have carried on the work.

EAST BANK BRANCH.

This Branch was formed on May 11th, and the following Committee have served during 1914:—

Mrs. Kingsland and Field; Mr. Kingsland and Rev. Mr. Giddings; Dr. Field and Mrs. Jemmott Hon. Secretary and Treasurer.

The first clinic was held on June 8th at Agricola, and has been carried on regularly every fortnight.

A League nurse-midwife was provided in June, and she has visited all mothers and infants as a health visitor as well as attending cases of labour when opportunity occurs.

Attempts have been made to introduce Health Talks to mothers, and also Maternity Banks, but so far with no conspicuous success.

37 babies from this branch presented themselves at the Baby Show in Georgetown, September 30th, and carried off 6 prizes.

In this district the Hon. Secretary records the special interest taken by East Indian mothers in the work of the League. Nearly every clinic brings new members of this race.

This branch is very fortunate in having the interest and services of Mrs. Jemmott as Hon. Secretary. There is no doubt whatever, that the satisfactory work and success of the League in this area has been largely due to her constant kindness and care.

BARTICA BRANCH.

This was founded at a Public Meeting at Bartica on May 25th when the following Committee were appointed:—

President, Mrs. B. V. Shaw; Committee, Mrs. Wickham, Mrs. Pook, Dr. Field and the Rev. M. E. Turpin, Hon. Secretary and Treasurer.

The clinic was established and opened on June 1st, at the Bartica Public Hospital; these meetings continued weekly until September.

In May a Health Visitor was appointed to visit the mothers and babies of the district, and the appointment of a League nurse-midwife remained in abeyance. The departure of the President, Hon. Secretary and Dr. Field soon after the formation of the branch resulted in a cessation of work, and little or nothing has been done in the latter part of the year.

WEST BANK AND BUXTON BRANCHES.

These have both been formed late in the year, and are of too recent origin to present a report,

THE LADY SUPERINTENDENT.

Miss Cumming arrived in November, having been three years as Health Visitor in the Finsbury District of London. She also had experience at the London School for Mothers, and also as lecturer of the London County Council, holding the certificate of the Central Midwives Board, and of the Sanitary Inspectors Examination Board.

In her reports, the Superintendent comments on the cleanliness of the homes and babies, and the noticeable absence of the under-fed and neglected babies found in the London areas. She records the almost universal presence in home of the bottle when in many cases it is quite unnecessary. The mothers deny the use of anything else than milk, but the presence of bush and aniseed "tea" in the bottle prove otherwise. The milk supply is adversely commented on, and also the shirking of responsibility by the male parent.

The family "midwife" and the grandmotherly bush prescriber are much in evidence, and use their influence against the League, though in every case the Lady Superintendent and all the League nurse midwives are welcomed and courteously received.

The Lady Superintendent makes special comment of the history of deaths of infants under one month, also draws attention to the gradual falling off in the babies' condition after 6 months, apparently due to the mother seeking work and leaving the child during the day.

The New Amsterdam District was visited in December, and the bottles were found in a much cleaner condition than those in Demerara. Within a short radius of the boundary of the town, however, some of the worst conditions and sickliest babies were found being fed in a way almost certain to cause death.

MEDICAL OFFICERS.

The League is especially indebted to those practitioners who have given invaluable assistance in attending at the Clinics and thus laying a firm foundation in combating Infantile Mortality.

TABLES.

Table 1 indicates the rate of Infantile Mortality in British Guiana since 1871 to the present date. The separate rates for each race are also included. The figures for 1914 are not available at the time of publication, but the whole colony rate has been calculated on the mean of the first 9 months,

Table 2 indicates the rate of infantile Mortality for Georgetown and New Amsterdam from 1871 to the present date.

Table 3 records the number and proportion of still-births in the colony and in Georegtown.

Table 4 shows the number of cases of midwifery cases delivered by the outdoor midwives of Georgetown, and the League nurse midwives in the various districts during 1914.

There is strong prejudice in districts against the methods of registered qualified midwives, and preference is given to unregistered women who practise the customs and superstitions expected. A beginning has been made, and in time these difficulties will be overcome.

Table 5 indicates the cases referred to the Poor Law Commissioners who have kindly taken the necessary action, and the results are appended.

Tables 6, 7, and 8 show the records of the work done, in each of the three principal districts of the League. These tables are made up quarterly, and show how many of the babies born in each quarter come under the influence of the League either by health visiting or by attending at the Clinics. A short return of the deaths at different periods and the mortality is also added.

FINANCIAL.

The total number of Members who paid their subscription of 24c. (1/-) is 1,018 (\$244.32). The number of Associates paying the subscription of 8c (4d) is 953 (\$76.24). These subscriptions are due yearly, and it is hoped that the Members and Associates will realise that the League depends to a large amount on its annual supporters. Donations were given to the total amount of \$754.88. The revenue derived from these sources therefore amounts to \$1,075.44. The Combined Court kindly provided \$2,000 as a grant-in-aid. The Children's Protection Society handed over their balance of funds amounting to \$400, and certain miscellaneous receipts reached \$42.99. The grand total of receipts is \$3,518.43

The receipts of Georgetown and each branch are set out in statement A.

The total expenditure has been \$1,567.53, leaving a balance at December 31st of \$1,950.90. The expenditure and balance of Georgetown and each branch is set out in statement B.

The details of the expenditure of Georgetown and each branch are set out in Statement C.

The unexpended balance is largely due to the fact that during the earlier part of the year the League was largely confined to development work, and the numerous small arrangements which are inseparable from the earlier stages of a large organization. It was only during the last two months of the year that the League was in full operation; and it will be realised that the expenditure to be faced during 1915 will be of a large amount. The Committee desire to add an estimate of the probable expenditure in order that the friends and supporters of the League may be in a position to realise in what way provision is being made for carrying on the work during 1915.

A.

District.	Mem. Sub.		Assoc. Sub.		Donation.	Miscellaneous.	Total.
	No.	Amt.	No.	Amt.			
Georgetown...	574	\$137 76	776	\$62 08	\$532 80	{ Gvt. Grant, \$1,500 00 } { Ch. P. Soc., 400 00 }	\$2,632 64
N/A. ...	212	50 88	147	11 76	185 28	{ Miscell., 42 99 } { Govt. Grant, 500 00 }	790 91
East Bank.	115	27 60	26	2 08	1 88	...	31 56
Bartica ...	84	20 16	4	32	24	...	20 72
Pouderoyen	16	3 84	...	...	15 18	...	19 02
Buxton ...	17	4 08	...	...	19 50	...	23 58
Total ...	1,018	244 32	953	\$76 24	\$754 88	\$ 2,442 99	\$3,518 43

B.

District.	Receipt.	Expenditure	Balance at Credit, Decr. 31st.
Georgetown ...	\$ 2,632 64	\$ 1,234 86	\$ 1,397 78
New Amsterdam ...	790 91	320 33	470 58
East Bank ...	31 56	11 70	19 86
Bartica ...	20 72	64	20 08
Pouderoyen ...	19 02	...	19 02
Buxton... ..	23 58	...	23 58
Total	\$ 3,518 43	\$ 1,567 53	\$ 1,950 90

C.

DETAILED EXPENDITURE.

GEORGETOWN.

(A) GENERAL:

Salaries Superintendent ...	...	...	...\$ 356 67
Secretary ...	...	...	... 102 70
Lady Health Visitor ...	...	...	... 150 70
Caretaker ...	...	...	... 2 40
Travelling ...	...	...	... 46 32
Expenses L. S. from England ...	...	...	... 127 04
Printing, Stationery, Etc. ...	...	...	... 63 51
Advertising ...	...	...	... 1 39
Office Furniture, Etc. ...	...	...	... 59 39
Postage ...	...	...	... 25 44
Drugs ...	...	...	... 38 92
Uniform ...	...	...	... 56 09
Miscellaneous ...	...	...	... 8 13
Petty Cash ...	...	...	... 15 00
Cash in Hand ...	...	...	... 4 07
Total ... ..	...	...	... 1,057 77

(B) SPECIAL EXPENDITURE :

HOSPITAL CLINIC—

Furniture ...	...	...	...	...	...\$	13 00
Milk ...	...	...	...	...	...	20 74
Total ...						33 74

BROAD STREET CLINIC—

Furniture ...	...	...	...	...	...\$	19 88
Milk ...	...	...	...	...	...	23 61
Total ...						43 49

(C) CONTRIBUTION TO BRANCHES :

East Bank ...	...	...	...	...	...\$	77 00
West Bank ...	...	...	...	...	...	16 16
Buxton ...	...	...	...	...	...	6 70
Total ...						1,234 86

NEW AMSTERDAM

Salary. Nurse Midwife	...	...	...	...	...\$	240 00
Stationery	...	...	...	...	...	17 02
Advertising	...	...	...	...	...	8 42
Uniform	...	...	...	...	...	9 17
Scale	...	...	...	...	...	7 04
Milk	...	...	...	...	...	2 54
Miscellaneous	...	...	...	...	...	3 40
Bicycle	...	...	...	...	...	22 00
Travelling	...	...	...	...	...	10 74
Total ...						320 33

EAST BANK—

Stationery, Printing	...	...	...	...	...\$	8 62
Salary N. Midwife	...	...	...	...	...	70 00
Postage	...	...	...	...	...	24
Furniture	...	...	...	...	...	36
Milk	...	...	...	...	...	9 48
\$						88 70
Contributions from the League	...	...	...	...	...	77 00

Total Expenditure Local Funds

11 70

BARTICA—

Stationery	...	...	...	...	...	64
Total Expenditure Local Funds						64

WEST BANK—

Printing	...	...	...	...	...\$	6 16
Salary Nurse M.	...	...	...	...	...	10 00
Total						16 16
Contributions from the League	...	...	...	...	...	16 16
Expenditure Local Funds						0 00

BUXTON—

No Expenditure.

D.

ESTIMATE OF EXPENDITURE,

JANUARY TO DECEMBER, 1915.

GEORGETOWN.

(A) GENERAL.

Salaries Lady Superintendent	...	...	...	...	\$ 960 00
Assistant Secretary	...	...	...	...	480 00
Lady Health Visitor	...	...	...	...	360 00
Care taker	...	...	...	...	24 00

\$1,824 00

Travelling	...	...	...	...	120 00
Printing, Stationery, Etc.	...	...	...	...	50 00
Advertising	...	...	...	...	10 00
Office, Etc.	...	...	...	...	10 00
Postage	...	...	...	...	15 00
Drugs	...	...	...	...	50 00
Uniform	...	...	...	...	75 00
Other Expenses	...	...	...	...	25 00

\$2,179 00

(B) SPECIAL:

Hospital Clinic Milk	...	...	...	...	\$ 60 00
Broad Street Clinic Milk	...	...	...	...	60 00

\$ 120 00

(C) CONTRIBUTIONS TO BRANCHES:

Salaries to Nurse Midwives—

East Bank	...	...	...	...	\$ 120 00
West Bank 1	...	...	...	...	120 00
1	...	...	...	...	90 00
Buxton	...	...	...	...	120 00
Four New Nurse Midwives at \$60 00 each	...	...	...	...	240 00

690 00

Total for Georgetown ... 2,989 00

NEW AMSTERDAM—

Salary, N.M.	...	...	...	...	\$360 00
Other Expenditure	...	...	...	...	50 00

Total for New Amsterdam ... \$ 410 00

EAST BANK	...	...	...	...	25 00
BARTICA	...	...	...	...	25 00
WEST BANK	...	...	...	...	25 00
BUXTON	...	...	...	...	25 00

Total Other Branches ... 100 00

Grand Total ... \$3,499 00

TABLE 1.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese.	East Indian.	Chinese.	Black.	Mixed.
1871-75	217	...	...	...	...	...	...
1876-80	213	108	...	129	...	...	...
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	192
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914*	155	...	...	...	...	...	...

*Average of first three quarters of 1914.

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	Georgetown.	New Amsterdam.
1871-75	283	
1876-80	296	
1881-85	311	
1885-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914*	210	112

*Average of first three quarters of 1914.

TABLE 3.
STILL BIRTHS.

Whole Colony and Georgetown.

YEAR.	WHOLE COLONY.		GEORGETOWN.	
	Number.	Per 1,000 living Births.	Number.	Per 1,000 living Births.
1869-70	446	64	193	160
1871-75	506	67	199	139
1876-80	547	66	210	139
1881-85	626	75	200	134
1886-90	808	87	180	124
1891-95	754	99	204	128
1896-1900	899	97	221	120
1901-05	894	91	203	106
1906-10	895	101	197	112
1911	878	103	201	115
1912	862	87	195	106
1913	885	84	182	106

This table should be read as follows:—During 1913, for every 1,000 living births in the Colony, there were 1,084 labours producing 1,000 living children and 84 still births.

TABLE 4.

Number of Midwifery cases with result delivered by the out-door Midwives Georgetown, and by the League Nurse Midwives.

District.	Number of labours.	Deaths of Mothers.	Deaths of Infants under 10 days.	Still Births.
Georgetown ...	157	0	1	2
New Amsterdam...	12	0	0	0
East Bank ...	8	0	0	0
Bartica ...	0	0	0	0

TABLE 5.

Cases Referred to the Poor Law Commissioners with the result.

District.	Georgetown.	N/A.	East Bank.	Bartica.
Cases enquired into but unsuitable for P.L.C.	14	0	0	0
Cases referred to P.L.C.	30	4	0	0
Father Prosecuted for maintenance	4	1	0	0
Father agreed to maintain ...	6	0	0	0
Not destitute	7	0	0	0
Work given	3	0	0	0
Relief given	2	3	0	0
Pending	8	0	0	0
Total	44	4	0	0

TABLE 6.

1914.

APRIL, MAY, JUNE.

District.		Broad Street, Georgetown.	Hospital, Georgetown.	New Am- sterdam.
Total Births	... ..	157	253	63
Visited by Health Visitors	Number ...	113	216	51
	Per cent. ...	71.1	85.0	80.9
Attended Clinic	Number ...	91	124	35
	Per cent. ...	57.1	49.0	53.9
Total Deaths	Under twelve months	26	44	7
	Rates per 1,000 births	165	173	111
	*Under 4 weeks	10	21	3
	Under 1 week	5	17	2
Deaths of Clinic Babies	... ..	9	6	3
Deaths, other Babies	... ..	17	38	4

*Includes the deaths under one week.

TABLE 7.

1914.

JULY, AUGUST, SEPTEMBER.

District		Broad Street, Georgetown.	Hospital, Georgetown.	New Amsterdam.
Total Births		144	253	55
Visited by Health Visitors.	Number ...	111	206	48
	Per Cent...	77.1	81.0	87.3
Attended Clinic.	Number ...	102	131	17
	Per Cent...	70.8	51.7	30.9
Total Deaths	Under 12 months	31	45	5
	Rate per 1,000 births.	215	178	91
	*Under 4 weeks	14	22	3
	Under 1 week	9	18	2
Deaths of Clinic Babies		12	13	2
Deaths other Babies		19	32	3

*Includes the deaths under one week.

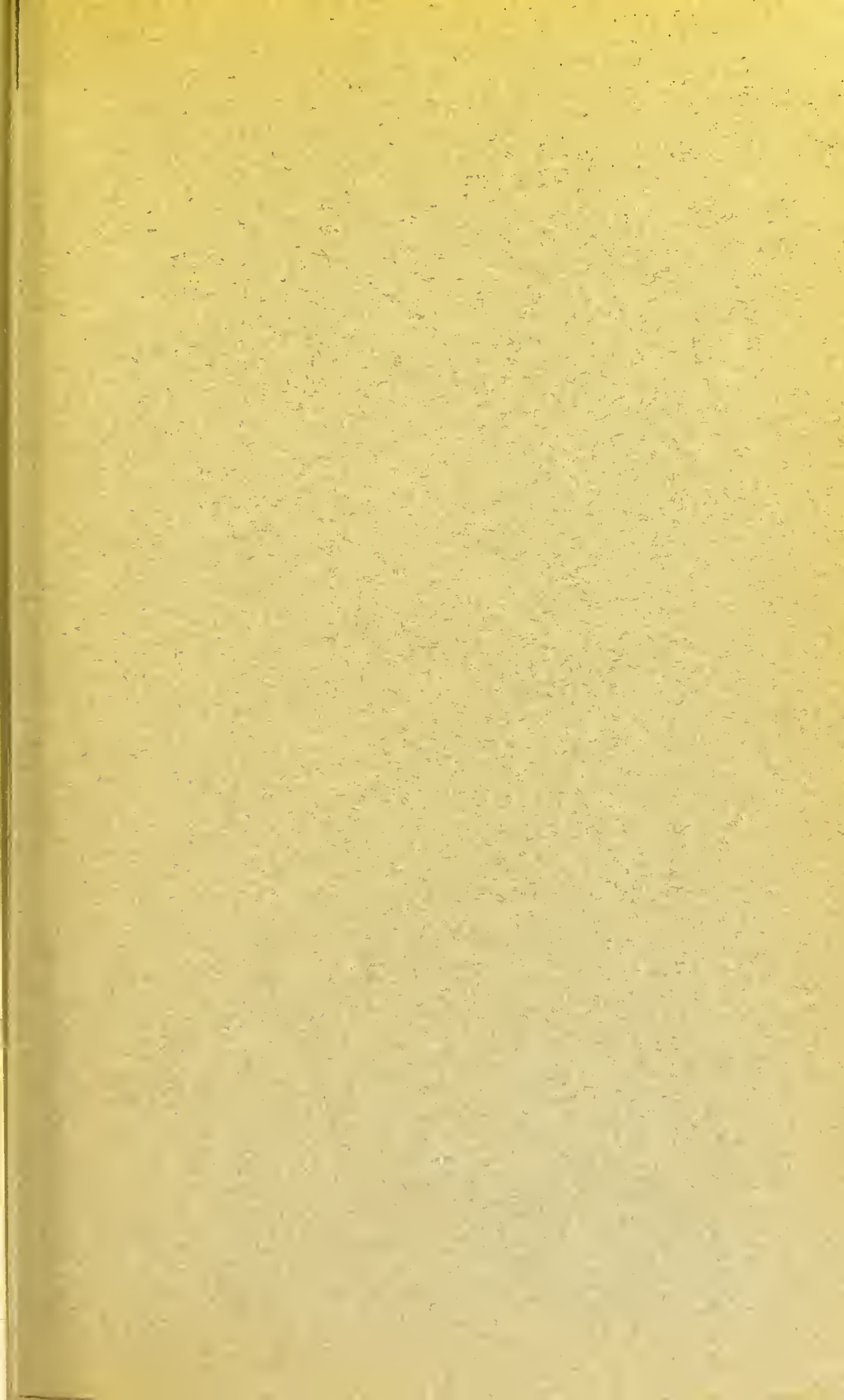
TABLE 8.

1914.

OCTOBER, NOVEMBER, DECEMBER.

District		Broad Street, Georgetown.	Hospital, Georgetown.	New Amsterdam.
Total Births		169	228	67
Visited by Health Visitors.	Number ...	147	204	55
	Per cent ..	89.6	89.4	82.1
Attended Clinic.	Number ...	40	53	6
	Per cent...	23.6	23.2	8.9
Total Deaths	Under 12 months	25	43	5
	Rate per 1,000 births	147	201	59
	*Under 4 weeks	9	19	3
	Under 1 week	6	12	2
Deaths of Clinic Babies		9	12	1
Deaths other Babies		16	34	4

* Includes the deaths under one week.





AS THE P.6027
BABY SAVING LEAGUE
OF
BRITISH GUIANA.

THE SECOND ANNUAL REPORT, 1915.

Patrons :

HIS EXCELLENCY AND LADY EGERTON.

President :

THE HON. DR. K. S. WISE,
(Surgeon General.)

Vice-Presidents :

REV. R. L. MACNIE.
DR. CRAIGEN.

Committee :

HIS LORDSHIP THE BISHOP OF
GUIANA.

HIS LORDSHIP BISHOP GALTON,
THE MAYOR OF GEORGETOWN.

DR. OZZARD.

„ WISHART.

REV. E. D. JONES.

MR. W. H. COOK.

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MR. J. SOLOMON.

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Committee :

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„ PARRATT.	CAPT. JOHNSON.
„ WREFORD.	REV. W. J. MOODY.
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„ HARRIS.	„ S. WATSON.
„ BECKETT.	THE MAYOR OF
„ SCUDAMORE.	NEW AMSTERDAM.
„ NICHOL.	G. ABBENSETTS, Esq.

DR. MAC QUAIDE.

Hon. Treasurer : MRS. ABBENSETTS.

Hon. Secretary : Miss CROW, Public Hospital, New Amsterdam.

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MRS. MANNING	MRS. YATES.

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Hon. Secretary : MRS. JEMMOTT.

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Committee :

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Committee :

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Miss GILBEY.	„ W. WARREN.
REV. J. H. HENDRICKS.	

Hon. Secretary and Treasurer : MRS. GREGORY.



THE SECOND ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1915.

The League has now completed a second year, having been founded in February, 1914. The year has been occupied mainly in organising on a sound basis and consolidating the work of the League in the various districts which had been opened in 1914. This was pioneer work, the conditions being new to the officers of the League and also strange to the villagers in the district. Much valuable experience has been gained which will facilitate the establishment of branches elsewhere and at the same time results have accrued which can only be regarded as most satisfactory and gratifying.

In these districts the specially trained and registered midwives were received with distrust and suspicion. Old ties and age-long superstitions bound the villagers to their old "grannies," who with all good faith, applied their cherished notions and time-honoured practices. The Executive Committee was faced with a problem of much difficulty which required constant attention and unremitting work on the part of their officers. Much of this difficulty has been removed by the personal efforts of our excellent and hard-working local committees. The refusal of the Police Authorities to permit illegal practice and the prosecution of a few test cases in each district have also aided very greatly. Now, as the district reports show, the qualified and registered nurse-midwife is no longer the object of distrust and suspicion but has come to be the guide, confidante and trusted counsellor of all races alike.

The work of the League nurse-midwives has been of an excellent quality and great credit is due to their sympathy and tact in overcoming difficulties of a trying and unpleasant character.

With the experience gained during the year it is hoped shortly to introduce to other districts the same system which has proved

so satisfactory. The need of such work is long past dispute, and the Executive Committee of the League are now taking steps to meet this demand.

Much attention has also been given to the prevalence of infantile deaths, the extent to which it occurs in the several medical districts and to the actual causes thereof. Tables 5, 6 and 7 indicate the more important data and relate to all classes of people in the colony.

The principal causes of death have been extracted from the Registrar General's return and throw much light upon the problem. Malaria in British Guiana is the root of incalculable evil in a myriad directions; much as it plays havoc with labour efficiency, much as it swells the expenditure on hospitals, etc., so also it takes a large toll of infant life. It is said that those born in this colony obtain some immunity to malaria—perhaps this is so, but at what a cost is only too clearly apparent.

Diarrhœa and Enteritis is a fruitful cause of mortality. This is largely the result of ignorance and it is common knowledge to those in touch with work of this sort that infants fed on the breast rarely suffer from intestinal troubles, and if it is at all possible to nurse the infant the mother should not sublet her duty to a cow.

Under the heading premature birth and debility appears a large proportion of infantile deaths. In these cases the most important factor is the condition of the mother and according to the state of weakness and anæmia, there results a still-birth, a premature birth, or a debilitated infant of full term. Most practitioners have been frequently faced by the tragical condition of anæmic women unable to bear children to full term and have faced what is perhaps the greater tragedy, *viz.*, the failure of the anæmic mother herself to survive the strain. In this connection the influence of Malaria and Hookworm Disease cannot be overlooked, but in addition, the great problems of poverty, over-crowding with their attendant social evils, contribute in great measure to render the mother incapable of bearing healthy children.

The Government Pathologist (Dr. F. Rose) has kindly made investigations into the subject of still-births during this year and has submitted an interesting report. It is hoped that his investigations will be continued further.

The employment of mothers in the last month of pregnancy is a black blot upon the civilization of many countries and the grinding necessity of poverty in this colony equally forces the expectant mother to work. Prohibition is impossible and legislation a doubtful help.

It has often been said that a mother does not know her maternal duties and should be ashamed to look a tabby cat in the

face. Yet the average mother is a heroine; she goes through a very great deal of pain and misery and often leads a life of great hardship. The soldier risks his life on the battle field, but the mother hers, many times in the home, and for this reason she is entitled to the very best advice and skilled assistance possible, since for hers it is to bear, to rear and to lose.

It should not be forgotten that a high rate of Infant Mortality implies not only a wastage of life, but also implies that a large number of our fellow citizens are living under wretched conditions, deprived of most of those advantages which alone can make life bright and happy. A well-known authority in England recently committed himself to the statement that "Carelessness in connection with Infant life is a sure sign of degeneracy in any country." Undoubtedly, the problem of Infantile Mortality is largely affected by the complexity of modern social conditions and cannot be expressed in terms of sickness and disease.

The establishment of the Infant Clinics in each district has had a most beneficial effect and the attendances have been more regular and of a greater number than could have been expected, *vide* tables 10 and 11.

Infant sickness, it is important to bear in mind, not only results in a deplorable waste of life, but it sows the seeds of weakness, deformity and impaired vitality in those who survive and it contributes in no small degree to the physical degeneracy of the race. Damaged and weakly infants uncared for are likely to grow up into men and women crippled in body and deficient in mind, who fill the hospitals, alms house, and prisons.

The number of infants treated in each clinic (*vide* tables 10 and 11) shows the importance attached to this subject by the Committee and the need for action in this direction. Much reliance has been placed upon the League nurse-midwives in their capacity of Health Visitors and it is pleasant to report that this confidence has not been misplaced and that the treatment and home nursing of the clinic patients has been faithfully and satisfactorily carried out.

Quinine is much used, especially in the form of a quinine and iron tonic. The prescription is very popular with the villagers who describe themselves as "suffering" from improved appetites.

A careful study of the Clinic tables Nos. 10 and 11 will show that 1,117 different infants were brought to the clinics, some regularly, some perhaps only once. Amongst those infants attending the clinics 88 deaths occurred or a rate of 79. When this is compared with the general rate of the colony of 184, the difference can be appreciated.

In the city of Georgetown alone 62 deaths occurred amongst 612 Clinic infants or a rate of 101, compared with the general city rate of 228.

In the country alone, amongst 505 Clinic infants, 26 died, or a rate of 52 per 1,000.

Such results however, must be tempered with the knowledge that many infants die within the first two weeks and could never under any condition have been brought to the clinic and that naturally, the class of mothers attending at the clinics are those most desirous of accepting advice.

A strenuous campaign has been unremittingly waged against the use of weed tea, paps and all the host of unsuitable foods pressed upon the helpless and fitful infant and while the seed may appear slow of growth progress in this respect is yet distinctly noticeable. The return of the mother to employment marks the period of danger and brings the infant under the care of a kindly friend, of a trusted granny, or not unfrequently of irresponsible children. Here the life of deadly pap begins and the infant loses its previous healthy growth, acquires the pale and miserable look of intermittent diarrhoea and begins its career in life with disadvantages rarely, if ever, recovered.

The following reports illustrate some aspects of the trouble:—

- (1) An East Indian baby of 4 months entirely bottle-fed with frame-food mixed with water, with milk, with aniseed or bush tea. Infant very wasted.
- (2) Baby of black race, seven months old kept by an old woman from 6 a.m. to 6 p.m. while the mother worked on a farm 4 miles away. Gives it potatoes, eddoes, "tea," chiefly sugared water. Doctor reports that the infant is in poor condition and insufficiently nourished.
- (3) A domestic servant left 2 cents of cow's milk with the old woman who tended her infant during the day. This child got visibly thinner. The milk was being diluted with watery pap and shared with several great nieces of the old woman.
- (4) An East Indian baby, 6 weeks old, spits out every kind of bush tea or pap and the mother has been forced to nurse it entirely. A well-nourished baby. It is a pity that nature does not more often assert itself in this way.

This evil presses perhaps most heavily in Georgetown, and the League realizing the extent of the evil in the city have in the latter part of the year established a creche in a central situation. The

League is thus carrying out one of the important recommendations of the Mortality Commission of 1906. While a previous effort in this direction many years ago resulted in failure, the Committee are hoping that with careful management ample success will result.

No reports have been received of cruelty to children during the year.

In all the districts persistent efforts are made to trace the male parent of deserted mother and infant and by influence, or if necessary, proceedings at law, obtain for the mother, equity, and for the infant, adequate support and attention. In this respect the League owes a very great and increasing debt of gratitude to the Secretary of the Poor Law Commissioners to whose interest much of the success is due.

As the work of the League progresses and as this policy extends over a wider area, there can be little doubt that the existence of the League will be one of the most powerful factors in diminishing the present widespread immorality and will lead ultimately to a diminished rate of illegitimacy.

The League, through its officers and nurses in the districts, comes into intimate contact with thousands of people in their homes and through its trained midwives not only brings assistance and solace to the mother in her time of trouble, saves the lives of numerous infants, checks untold pain and suffering of children, but also leaves behind in those homes an influence which cannot be estimated nor foretold, a spreading influence that will gradually, in the future, by a healthier and cleaner life, produce a stronger, hardier and richer people. There can be no doubt in the minds of those who genuinely study these questions that the League is working to accomplish great results and it is the duty of all who really desire to advance this colony to assist the League in every way possible.

The total number of members who paid their subscription of 24 cents (1/-) is 621 (\$149.04). The number of associates paying the subscription of 8 cents (4d.) is 2,111 (\$168.88). These subscriptions are due yearly and it is hoped that the Members and Associates will realize that the League depends to a large extent on its annual supporters.

Donations were given to the total amount of \$566.44. The revenue from these sources therefore amounts to \$884.36. The Combined Court kindly provided \$1,500 as a grant-in-aid. Miscellaneous receipts finally made the total receipts \$2,483.48. The total receipts of each branch separately will be found in Statement A.

The total expenditure has been \$3,625.57 and the amount expended in each district with the balance at December 31st, 1915, will be found in Statement B.

The details of expenditure in Georgetown and each branch are set out in statement C.

GEORGETOWN.

In this League district the measures adopted to prevent Infant mortality include the provisions of nurse-midwives for those unable to pay, Lady Health Visitors to control the infants up to 12 months, and two infant clinics to which infants may be brought for inspection and advice.

There are four out-door midwives attached to the Public Hospital and under the control of the Government Medical Department. This system has now been in operation for seven years and has brought an unquestioned boon to necessitous mothers. Table 4 shows the work done. The Public Hospital has in addition, a maternity ward in which a large amount of work is done; during 1915, 568 women were delivered there.

There are four Lady Health Visitors, three of whom are provided by the Municipality and one by the League. In all respects of their work these Health Visitors are under the immediate and entire control of the Medical Officer of Health to the City. The system of early notification of births adopted in this city has enabled the Lady Health Visitors to come into early contact with the infants and it is gratifying to feel that the steady and unostentatious work of these ladies is proving of great and lasting benefit alike to mothers and infants.

The two clinics, one at the Public Hospital, and one at Broad Street, meeting every Wednesday and Saturday afternoon, have steadily continued under the control of the League. Table 11 gives in detail the work at these clinics which may be considered as very satisfactory. The willing services of Drs. Craigen, Craig, F. P. Minett, Robertson, Sharples, Miller, Rose and Duncan have been invaluable and have ensured much of the success at the Clinics. The Clinic at Broad Street suffered severely by Mrs. Minett's departure, since her services as physician and her special personal interest in the work of the League could hardly be over-estimated.

Lady Egerton again kindly allowed the annual Fête to be held in the grounds of Government House on March 16. A very large number of people attended who were enrolled as members and associates.

In order to bring home to the poorer classes in Georgetown better and cheaper methods of infant rearing, special evening health talks were organised by the Lady Superintendent, Miss Cumming. In

the Albuoystown district usually thirty to forty of the very poorest women attended, but in other districts the attendance was far from satisfactory.

The following reports indicate the character of these health talks:—
 On January 27th, at the Salvation Army Mission Hall, 8 women were present, later over 20 came in. The women appeared interested and were ready to answer questions and asked for another similar talk. *The mothers were insistent that a baby must be made to take "tea" soon after birth so that the mother could resume her work early.* Knowing that the baby would take a bottle it would not give the neighbour too much trouble.

On February 25th, at 6.30 p.m. in the Scotch Church School-room, Albuoys Street, there were present about 60 women and 20 children. About 20 young boys were turned out on the suggestion of the women that they were "too mannish already" and knew too much. Several of the old unregistered midwives of the East Bank district were present and were amongst the most attentive and orderly of a very well-behaved audience. The need for air and for cleanliness in the eyes seemed news to those present.

On March 11th, at 7 p.m., in the Albuoys Street School-room 30 to 40 women were present, all of the poorest class. No arrangements had been made for lighting and the meeting was carried on by the light of two bicycle lamps, a lantern and an inefficient paraffin lamp. It was a very orderly meeting.

At the request of Miss Lawrence (one of the Lady Health Visitors) the Lady Superintendent talked to a meeting of 30 mothers at St. Andrew's Schoolroom on March 22nd, at 8 p.m.

On March 29, a crowded meeting at Providence Congregational Chapel was addressed by the Lady Superintendent.

A successful Baby Show was held at the Public Hospital, Georgetown on November 24th and the general standard of those presented was satisfactory.

Many of the mothers in the city have to find employment during the day, frequently as domestic servants and the infants may be left from 6 in the morning till 9 at night to the divided attentions of a woman herself occupied in selling or working or often even to the attention of children. In order to avert this difficulty a Creche has been established at 102, Regent Street, estimated to accommodate 20 children, and the Committee feel that the time and money spent in thus giving the children a fair and honest start in life during their first year will be more than amply repaid. At present of all the infants attending, there is only one for which some small weekly amount

is not paid. This Creche is intended as a help and an aid and not as a charity.

While the number of deaths of infants in the city has been less this year by eleven, viz., 334 against 345 for 1914, the general deaths have increased by 33, viz., 1,545 against 1,572 for 1914. The number of births have, however, considerably decreased from 1,641 in 1914 to 1,464 in 1915.

NEW AMSTERDAM.

This branch is one of the most active and energetic and may well be taken as an example of what can be accomplished by well-directed and practical measures and the Executive Committee again have to express their appreciation of the whole-hearted way in which the members of the Committee have given their personal supervision to each detail of the work. The League nurse has firmly established herself as the poor person's midwife and a considerable number of cases in New Amsterdam come under her care. Her work, however, is kept as far as possible, to those who are in poorer circumstances and now, instead of being regarded as a periodical inspector, she has become the family friend and adviser. During the first six months the League nurse attended 15 cases with \$3.21 as fees, whereas in the last six months 41 cases were attended with \$41.62 as fees.

The Ladies of the Committee have readily given up their time to visit these cases and these kind-hearted efforts to assist the poor women and appreciate their difficulties has done a great deal to establish the work of the League firmly in New Amsterdam.

A great loss was felt with the departure of Miss Fleming in the early part of January, who had given so much of her energy and skill to the work and this Branch has found itself fortunate in enlisting the services of Miss Crow, (the Superintendent of Nurses at the Public Hospital, New Amsterdam), who has not spared herself in the interests of the League. The regular visits of Miss Crow inspecting and assisting the work of the League nurses has enabled a high standard to be maintained.

In April a successful Fête was held at which 17 members and 51 associates were enrolled.

In May, to the regret of all, Mrs. Conyers and Dr. Conyers left New Amsterdam and their places were filled by Rev. J. W. MacGill as President, and by Dr. MacQuaide at the Clinic.

In December a well attended Baby Show was held. In general, a satisfactory standard was maintained, but a specially interesting feature was a group of babies entered for Mr. Parratt's special prize for the best baby amongst those who had attended at the

Baby Show a year ago. There were sixteen competitors, all lamentably far removed from the ideal of healthy childhood. Neglected malarial fever, wrong feeding, injudicious treatment and nematoid parasites are the main factors, but it is hoped that the gradual but steady education of the people may in time produce great improvements.

EAST BANK BRANCH.

In this district the midwifery practice is now entirely in the hands of the qualified League nurses who are, moreover, firmly established as the family friend and adviser of all races.

In April an additional League nurse was appointed, making two nurses on the Bank—one working from Providence to Houston, and the other from La Penitence to Meadow Bank. These nurses, in addition to having had many years' training not only in midwifery, but also in general nursing at the Public Hospital, Georgetown, had qualities of tact and goodwill which soon won over the people. In addition, the Lady Superintendent made frequent visits to the homes of the people, settling difficulties and persuading waverers to employ the nurse. This persuasion of waverers was in many cases the settlement of reasonable terms, and the people really are fairly easily persuaded that they must pay a reasonable sum for an excellent thing. While the nurse fixes her own terms, appeal to the Superintendent has always brought to a close any budding dispute.

One Clinic is held alternate Mondays at Agricola, Mrs. Jemmott is always present and one cannot say too much concerning her good work for the League she has given daily encouragement to the nurse and by her existence has reminded the nurse that serving the League means more than earning a living, and she is always a true friend to poor mothers.

A new Clinic was started at Ruimveldt in April in addition to the one previously established at Agricola. This has throughout been very popular and one must thank Mrs. Manning largely for this. For six months she has attended the Clinic fortnightly and in addition has visited the homes of the people with the nurse, and by her good sense and good will has done much to establish the high esteem that these villagers have for the League.

One must also thank Dr. London and Dr. Downer for conducting the Clinics and Dr. Ferguson, G.M.O., for his ungrudging help to League midwifery cases.

While a large proportion of mothers attending the Clinics are members or associates of the League, much of the income comes from a concert organised by Mrs. Jemmott in May

In November Mrs. Jemmott's place as Secretary and Treasurer was taken by Mrs. Kingsland and she is giving unstinting, invaluable service to the League.

In October a Baby Show was held at Agricola; an interesting feature was the large number of East Indian mothers coming especially from Alexander Village, La Penitence, Ruimveldt and Eccles.

WEST BANK BRANCH.

In December, 1914, the first League nurse-midwife was appointed to work from Vreed-en-Hoop to Bagotville and Clinics were opened at Vreed-en-Hoop and Bagotville. On February 1st, the nurse resident at Nismes Hospital was subsidised by the League to work as League nurse between No. 1 Canal and No. 2 Canal, thus establishing two League nurses in this district. Later this arrangement was found unsatisfactory and a separate nurse appointed for the League.

On March 1st was held an inaugural meeting at Stanley Town at which Lady Egerton, Rev. R. L. Macnie and the Hon. the Surgeon General were present. A large and interested audience was convened by the Rev F. O. G. Robertson.

On March 29th a small meeting was held in the Congregational Schoolroom, No. 1 Canal.

On April 6th West Bank organised a Fête at Mrs. Gilbert's Hall, Pouderoyen and enrolled over 150 new members and associates.

In April also, the Vreed-en-Hoop Clinic was removed to Pouderoyen in the hope that the villagers of Goed Fortuin would attend it.

On April 30th a Clinic was opened at Good Intent and in November a Weighing Day was instituted fortnightly at La Retraite, making three Clinics in all.

The League on the West Bank has had an uphill fight all the way and that it has gained to its present satisfactory state speaks much for the Secretary, Mrs. Quick. Her optimistic spirit and active encouragement of the nurses and League officials have hastened the victory, while her tact has made the monthly Committee Meeting at St. Swithin's Rectory a very pleasant function and has kept the Committee whole-heartedly centred on the work before it.

The first President of the West Bank Committee, the Rev. Father Cooksey, S.J., was a good friend to the League and when he left the Bank his place was taken by Mrs. Craig. She presided over the Good Intent Clinic in the most successful manner and

gave the nurse advice and encouragement. Mrs. Hares, when possible, attends Bagotville Clinic and Mrs. Quick always presides over Pouderoyen Clinic.

The League is very much indebted to the G.M.O., Dr. W. G. Boase, who has given his services to the three Clinics and much valuable help and advice to the League nurses.

The League has suffered a great loss in the death of Mrs. Gilbert, of Pouderoyen.

The West Bank Baby Saving League has made a most successful experiment in affiliating a registered midwife of good standing, though untrained; she assists at the Clinic to which she brings her babies and receives the advice of the Lady Superintendent.

This West Bank district has been notoriously a particularly unhealthy one. and thus this Branch of the League has been working in unsatisfactory conditions and somewhat at a disadvantage. It is therefore, all the more gratifying to know that the work of the Committee and their two League nurses has produced a definite and visible effect in this district.

BUXTON BRANCH.

The League in Buxton has made progress in spite of great difficulties during 1915, but progress is slower than in the other branches.

It may be observed that the League nurse-midwife has attended 21 cases out of a total of 210 births registered during the year or 10%; this shows that the League has not yet gained the entire confidence of the people. Moreover, the nurse gets very little, if anything for the cases she attends. There is no extreme poverty in Buxton to account for this. The League nurse is hard-working, very civil and willing, and has the respect of all.

The Clinic, until November, was held at 1 p.m. and the G.M.O., Dr. Von Winckler, very kindly gave his services. The mothers have, however, objected to bringing babies out at the hottest part of the day, so as a temporary arrangement, it is held every Tuesday, at 8 a.m. and Mrs. Gregory, the hon. secretary, with the League nurse are always present. The other duties of the G.M.O. render it impossible for him to attend at this time: this is regrettable.

A successful Baby Show and Fête was held on November 8th and the Committee spared neither time nor money to make it a thoroughly popular event. Lady Major came from town at 5 p.m. to distribute the prizes.

Much praise is due to the Rev. and Mrs. Gregory for their care of the League interests in Buxton; Mr. Denny and Mrs. Hum-

phreys may also be counted among the League's best advocates and friends,

BARTICA BRANCH,

In March the Lady Superintendent visited Bartica to report concerning the possibility of establishing a League nurse at Bartica. It was clear that a nurse would need a large subsidy from the League since the fees received would be little owing to the small population and few births.

The Committee resolved, therefore, that at present they could not establish a League nurse at Bartica, though the G.M.O. continues to hold an informal Clinic for infants on Mondays at the Hospital.

CHRISTIANBURG BRANCH.

The Executive Committee approved in December of forming a Branch at Christianburg since there is a Government subsidised nurse-midwife already working among mothers and babies in the district and a fortnightly Clinic would greatly assist her in her work.

It is hoped that this will shortly be opened.

LEAGUE MIDWIFERY.

Table 4 gives concise information of this work.

During the year the League has been firmly established in all the country branches. The League nurse, trained at the Public Hospital, Georgetown, and not infrequently with training as a general nurse, now visits the mothers before the babies are born, she reports any complications or difficulties to the Lady Superintendent who refers them to the G.M.O. when necessary. She is the family friend and nurse for the nine days lying-in of the mother, and subsequently she visits the infant once or twice a month in the home and the baby is brought to the fortnightly Clinic.

The Lady Superintendent, in her periodical inspection, visits:

- (1) Expectant cases, settles fees, advises mother concerning her personal hygiene, if doctor's advice needed, arranges accordingly.
- (2) Newly-born babies, especially if mother in poor health; destroys "tea-bottles," if possible.
- (3) Sick babies.
- (4) Cases of suspected neglect (very few.)
- (5) Cases (chiefly East Indians) that are afraid of bringing baby to Clinic for "bad luck."

It is extraordinary how easily the humane and intelligent methods of the League nurse have replaced the rites and superstitions of old traditions.

At first the nurses condoned some of the less dangerous practices, but now that the League has the full confidence of the people the nurses can do their work as if they were under the eye of the nurse who trained them and they are helped in it instead of being hindered by those they attend.

At first the nurse needed much tact and patience to avoid conflict between her adherents and the coolie grandmothers who would call the nurse when the patient was in the last stage of exhaustion owing to mismanagement and natural anæmia. Now the East Indian is a friendly and obedient patient; only a source of anxiety, because of her usual poor health.

The effect of skilled attendance and the general visiting methods adopted by the League are apparent in Tables 8 and 9 which relate to its work on the East and West Bank Districts.

In the Registration districts only a part of the villages is attended by the League nurses and the whole of the plantation and outlying villages do not come under the influence of the League.

The figures given are of all births and deaths of infants in the areas, whether definitely attended by the League nurse or not and it is clear that when these trained nurses are fully at work the results are even more than might be expected. This is particularly noticeable in the East Bank District where the majority of infants outside the League's control are on Plantations which are specially known for their care in matters such as these.

In the League district on the East Bank the rate is 139, compared with the rate of 185 for the whole District, whereas in the League district on the West Bank, the rate is 152 compared with the rate of 232 for the whole district.

A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.		Assoc. Sub.		Donation.	Miscellaneous.	Total.
	No.	Amt.	No.	Amt.			
Geo'town ...	266	\$ 63 84	1692	\$135 36	\$ 413 30	G. Grant, \$ 852 52	\$1465 02
N/A ...	208	49 92	288	23 04	114 66	{ G. Grant, 120 00 } { Miscell. 52 56 }	360 18
East Bank ...	58	13 92	37	2 96	0 89	{ G. Grant, 205 31 } { Miscell. 43 20 }	266 28
West Bank	34	8 16	94	7 52	0 29	G. Grant, 207 17	223 14
Buxton ...	55	13 20	0	...	37 30	{ G. Grant, 115 00 } { Miscell. 3 36 }	168 86
Bartica ...	...	...	...	...	...	...	...
Total ...	621	\$149 04	2111	\$168 88	\$ 566 44	{ G. Grant, \$1,500 00 } { Miscell. 99 12 }	\$2483 48

B.

TABLE OF RECEIPTS—EXPENDITURE AND BALANCE.

District.	Balance on Jan. 1, 1915.	Receipts.	Total Revenue.	Expen- diture.	Balance on Dec. 31, 1915.
Georgetown ...	\$ 1,397 78	\$ 1,465 02	\$ 2,862 80	\$ 2,410 88	\$ 451 92
New Amsterdam ...	470 58	360 18	830 76	566 10	264 66
East Bank ...	11 70	266 28	277 98	247 98	30 00
West Bank ...	19 02	223 14	242 16	233 15	9 01
Buxton ...	23 58	168 86	192 44	167 46	24 98
Bartica ...	20 08	...	20 08	...	20 08
Total ...	\$ 1,942 74	\$ 2,483 48	\$ 4,426 22	\$ 3,625 57	\$ 800 65

In the Savings Bank, \$7.50.

C.

DETAILED EXPENDITURE.

GEORGETOWN.

Salaries, Lady Superintendent	..	..	..	..	..\$ 957 00
Assistant Secretary	..	..	..	..	291 50
Lady Health Visitor	..	..	..	..	275 00
Caretaker	..	..	..	..	7 00
Travelling	..	..	..	..	150 40
Printing, Stationery, etc.	..	..	..	..	117 25
Advertising	..	..	..	..	19 28
Office, Typewriting, etc.	..	..	..	..	14 95
Postage	..	..	..	..	11 43
Drugs	..	..	..	..	17 34
Uniform	..	..	..	..	61 15
Milk	} for Clinics	..	..	..	115 08
Soup Kitchen		..	..	..	7 40
Bags for midwives	..	..	..	..	40 80
Office Rent (14 months)	..	..	..	..	168 54
Furniture	..	..	..	..	120 66
Telephone	..	..	..	..	12 00
Creche Expense	..	..	..	..	12 49
Baby Show	..	..	..	..	7 21
Miscellaneous	..	..	..	..	4 40
					\$2,410 88

NEW AMSTERDAM.

Salary, Nurse-midwife and Health Visitor	..	..	..	..	..\$ 360 00
Travelling	..	..	..	..	24 00
Printing, Stationery, etc.	..	..	..	..	18 97
Advertising	..	..	..	..	4 70
Postage	..	..	..	..	2 59
Drugs	..	..	..	..	4 39
Uniform	..	..	..	..	13 97
Milk	..	..	..	..	34 75
Refreshments for Fête	..	..	..	..	49 60
Amount of Prizes	..	..	..	..	45 00
Miscellaneous	..	..	..	..	8 13
					\$ 566 10

J. H. H.

C.

DETAILED EXPENDITURE.—(Contd.)

EAST BANK.

Salary of 2 Nurse-midwives	..	..	..	..	\$ 205 31
Travelling	..	..	..	..	1 28
Printing, Stationery, etc.	..	..	..	..	40
Drugs	..	..	..	..	25 91
Milk	..	..	..	..	10 96
Equipment of Clinic	..	..	..	..	4 12
					<hr/>
					\$ 247 98
					<hr/>

WEST BANK.

Salary of 2 Nurse-midwives	..	..	..	..	\$ 207 17
Nurse-midwives' Bicycles	..	..	..	..	9 48
Stationery, Advertising, etc.	..	..	..	..	3 00
Drugs	..	..	..	..	12 00
Milk	..	..	..	..	1 50
					<hr/>
					\$ 233 15
					<hr/>

BUXTON:

Salary, Nurse-midwife	..	..	..	..	\$ 115 00
Printing, Stationery, Postage, etc.	..	..	..	..	4 64
Drugs	..	..	..	..	10 96
Relief Given	..	..	..	..	46
Equipment of Clinic	..	..	..	..	10 86
Fête Expenses	..	..	..	..	25 54
					<hr/>
					\$ 167 46
					<hr/>

TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese.	East Indian.	Chinese.	Black.	Mixed.
1871-75	217	...	...	...	...	...	...
1876-80	213	108	...	129	...	...	...
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	192
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	...	...	...	...	...	...

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetowa.	Town of New Amsterdam.
1871-75	283	
1876-80	296	
1881-85	311	
1885-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150

TABLE 3.
STILL BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Number.	Rate per 1,000 living Births.	Registration Area.		City Area.	
			Number.	Rate per 1,000 living Births.	Number.	Rate per 1,000 living Births.
1869-70 ...	446	64	193	160	...	...
1871-75 ...	506	67	199	139	...	...
1876-80 ...	547	66	210	139	...	...
1881-85 ...	626	75	200	134	...	...
1886-90 ...	808	87	180	124	...	...
1891-95 ...	754	99	204	128	...	...
1896-1900	899	97	221	120	...	...
1901-05 ...	894	91	203	106	...	...
1906-10 ...	895	101	197	112	...	...
1911 ...	878	103	201	115	201	125
1912 ...	862	87	195	106	175	112
1913 ...	885	84	182	106	176	107
1914 ...	943	88	193	107	188	114
1915 ...	834	85	172	109	165	113

TABLE 4.

Number of Midwifery Cases with result delivered by the Out-door Midwives, Georgetown, and by the League Nurse Midwives.

District.	Number of Labours.	Deaths of Mothers.	Deaths of Infants under 10 days.
Georgetown ...	204	0	0
New Amsterdam ...	56	0	3
East Bank— Agricola ...	50	1	1
East Bank— Ruimveldt ...	56	1	4
West Bank— Pouderoyen ...	29	1	1
West Bank— Good Intent ...	49	1	1
Buxton ...	23	0	0
Total ...	467	4	10

TABLE 5.

BIRTHS AND DEATHS OF INFANTS.

Year.	Number of Births.	Number of Deaths under one Year.	Rate per 1,000 Births.
1910	8,332	1,954	235
1911	8,530	1,865	229
1912—Jan.-Mar. ...	2,384	529	222
Apl.-Jun. ...	2,194	513	234
July-Sept. ...	2,205	419	189
Oct.-Dec. ...	3,111	418	134
Whole Year ...	9,894	1,879	190
1913—Jan.-Mar. ...	2,107	525	213
Apl.-Jun. ...	2,802	470	168
July-Sept. ...	2,531	405	160
Oct.-Dec. ...	2,716	485	178
Whole Year ...	10,515	1,885	179
1914—Jan.-Mar. ...	2,861	643	209
Apl.-Jun. ...	2,762	366	123
July-Sept. ...	2,309	341	132
Oct.-Dec. ...	2,730	461	150
Whole Year ...	10,662	1,811	170
1915—Jan.-Mar. ...	2,580	507	197
Apl.-Jun. ...	2,402	376	157
July-Sept. ...	2,284	438	192
Oct.-Dec. ...	2,500	478	191
Whole Year ...	9,766	1,799	184

TABLE 6.

Percentage of total deaths in each year due to those under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage.
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8

TABLE 7.

Causes of Infant deaths with number and percentage due to each cause from 1910-1914.

Cause.	1910.	1911.	1912.	1913.	1914	1915.	
Malaria	No. ...	488	391	365	377	279	344
	Per cent.	24.9	21.0	19.4	20.0	15.4	19.1
Diarrhoea & Enteritis	No. ...	160	201	331	225	268	294
	Per cent.	8.2	10.7	17.6	11.9	14.8	16.3
Syphilis	No. ...	21	39	30	36	37	32
	Per cent.	1.1	1.2	1.2	1.2	1.1	1.5
Bronchitis & Pneumonia	No. ...	186	175	107	203	147	153
	Per cent.	9.5	9.4	5.7	10.7	8.1	8.2
Premature Birth	No. ...	279	268	282	316	338	285
	Per cent.	14.3	14.4	15.1	16.7	18.1	15.9
Infantile Debility	No. ...	406	469	459	461	442	399
	Per cent.	20.8	25.1	24.4	24.4	24.4	22.1
All other Causes	No. ...	393	299	280	230	272	291
	Per cent.	21.2	18.2	16.6	15.1	18.1	17.1
Total ...		1,954	1,865	1,879	1,885	1,811	1,799

TABLE 8

Birth and Infantile Mortality in the East Bank District showing the results for the whole district and also for that part in which the League nurse worked during July—December, 1915.

Area.	Number of Births.	Number of Deaths. under one year.	Rate per 1,000 Births.
La Penitence ...	16	1	
Alexander Village ...	13	2	
Ruimveldt Village ...	7	0	
Meadow Bank ...	5	2	
	41	5	122
Agricola ...	18	4	
Eccles ...	3	1	
Bagotstown ...	11	0	
Peter's Hall Village ...	11	1	
	43	6	139
Whole League District ...	84	11	131
Whole Registration District ...	211	39	185

The whole Registration District includes several plantations where special care is given to matters of health.

TABLE 9.

Birth and Infantile Mortality in the West Bank District showing the results for the whole registration district and also for that part in which the League nurse worked during July to December, 1915.

Area.	Number of Births.	Number of Deaths Under one year.	Rate per 1,000 Births.
Vreed-en-Hoop & } Pouderoyen } ...	33	6	
La Grange & } Goed Fortuin } ...	82	8	
Bagotville ...	28	4	
	143	18	126
Stanleytown } Good Intent } ...	35	9	
Sisters }	35	9	257
Whole League District ..	178	27	152
Whole Registration District ...	220	51	232

TABLE 10.

Attendance etc., at the Clinics during January-June, 1915.

District.	Births.	Visited by the Nurse.	Attended at the Clinic.	Average attendance at each Meeting.	Average treated at each Meeting.	Death of those attending.
Agricola ...	49	17	0	13	8	4
Ruimveldt* ...	20	17	40	20	4	0
Pouderoyen ...	85	4	67	15	5	1
Bagotville ...	79	3	62	15	5	0
Sisters* ...	22	16	27	14	5	0
Buxton ...	121	8	57	15	3	1
New Amsterdam	149	15	65	12	3	2
Total ...	525	80	318	104	33	8

* Only opened in April, 1915.

TABLE 10. (Contd.)

Attendance etc., at the Clinics during July-December, 1915.

Agricola ...	43	36	23	16	10	3
Ruimveldt ...	41	34	32	18	8	1
Pouderoyen ...	74	13	12	10	3	5
Bagotville ...	69	12	14	13	5	3
Sisters ...	35	32	41	17	8	2
Buxton ...	79	14	15	11	3	1
New Amsterdam	126	41	50	25	8	3
Total ...	467	182	187	110	45	18

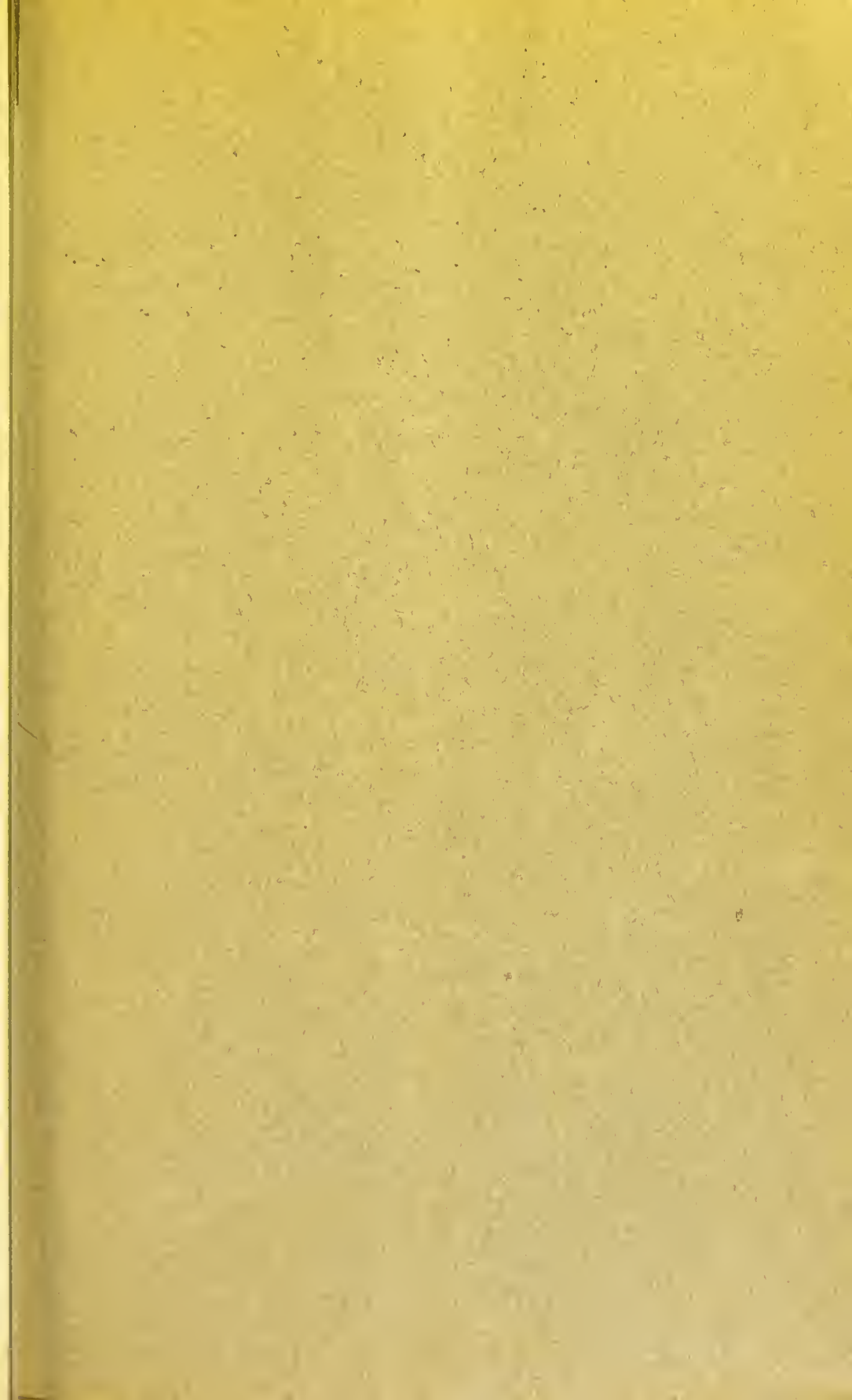
TABLE 11.

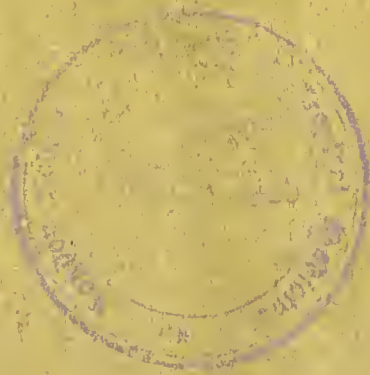
Attendance, Etc., at Clinics in Georgetown.

District.	Clinic at Broad Street.				Clinic at Public Hospital.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Jan. to Mar.	April to Jun.	July to Sept.	Oct. to Dec.	
Total Births ...	155	152	175	171	249	211	210	212	1,535
Visited by Health Visitor ...	121	136	155	95	187	184	193	138	1,209
Attended at Clinic ...	92	53	71	64	96	55	86	95	612
Average Attendance at Each Meeting ...	24	20	22	18	36	23	23	21	47
Average Treated at Each Meeting ...	2	2	2	1	4	4	4		5
Death of Those Attending ...	11	8	11	4	8	2	11	7	62









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THE



BABY SAVING LEAGUE

OF
BRITISH GUIANA.

THE THIRD ANNUAL REPORT, 1916.

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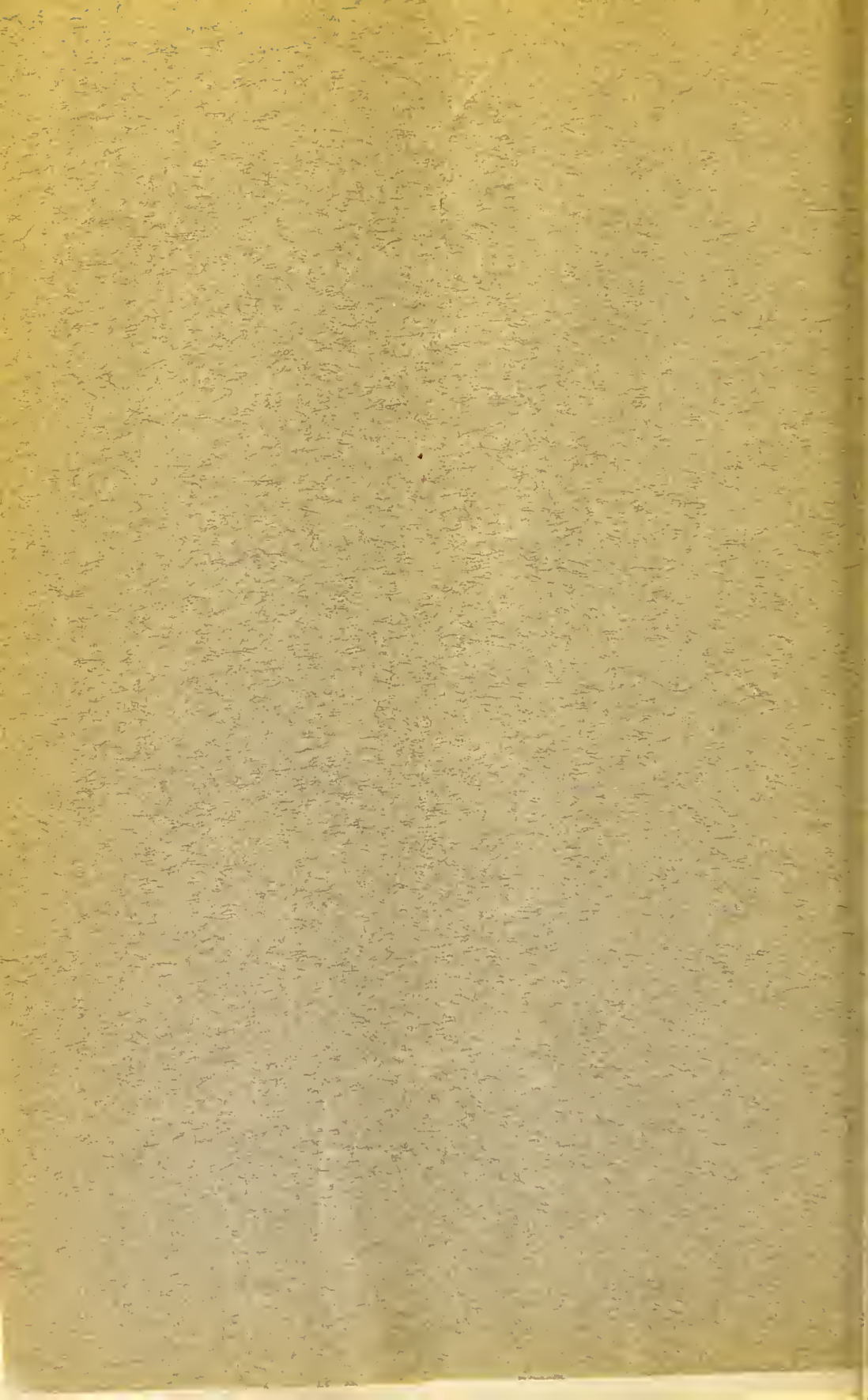
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THE THIRD ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1916.

The League has now completed a third year, having been founded in February, 1914. The previous two years had enabled the League to gather much knowledge and experience in carrying on their work in country districts, and this year has in consequence been a year of expansion, a year in which new districts have been taken in and more nurses established; a year in which the area covered and the responsibility assumed by the League, have more than doubled.

The year started with five separate branches, and closed with eleven branches; six midwives in various districts, has been increased to sixteen; seven clinics, or schools for mothers and infants have grown to fifteen, and a Creche has been established and carried on in the City of Georgetown.

The new branches are established at Beterverwagting-Triumph, Ann's Grove, and Two Friends, Mahaica, Den Amstel, Plaisance, and Victoria. In each of these places active support has been readily forthcoming, and it is a pleasure to know that in each of these districts, there is a small and influential Committee gradually and slowly establishing the principles and teachings of the League amongst the people.

Villagers in agricultural districts the world over are characterized by conservatism and are suspicious of change. This country is no exception, but the longer the Branch has existed in a district, the better the work and its principles are understood, the less the distrust and opposition becomes, and the more welcome the League receives.

The people fear that in some indefinite way a greater burden is to be added to their present difficulties and time alone dispels their fears, and shows that skilled assistance and advice is brought to the mothers, wives, and infants, in their time of trouble and sickness.

Others fear that a new charity has arisen to diminish the responsibility and undermine the character of our rural population, and to them experience demonstrates that material aid is not offered, that trained knowledge, sympathy, and encouragement enter the homes, that responsibility is forced when possible on those who should bear it, that every

effort is made to develop and encourage the true principles of independence and self-esteem.

Such work is slow; such misunderstandings take long to dissipate; the ultimate end, however, remains the same and those who came first to criticise and oppose, eventually realise the genuine value of the League's activity; acknowledge the accuracy of its principles, and work more energetically than any other to found the race on the happiness and the sanctity of the home.

Charles Kingsley long ago declared that "Nations are gathered out of nurseries". In the days of peace King George V sought to quicken; the soul of his people by reminding them that "the foundations of national "glory are set in the homes of the people and they will only remain unshaken while the family life of our nation is strong, simple and pure."

These statements are as true of British Guiana as of any other part of the Empire. The B. S. League has long recognized that the life of infants is made or marred by the condition of the home, by its prosperity, by its purity, and by its surroundings:—and while these difficulties involve grave problems of social and economical consideration the League pursues its quiet and unobtrusive work and teaching, always directing efforts however small and apparently ineffectual towards improving the condition in which infants are raised and strengthening the ties of home life.

The State in very truth marches forward on the pattering feet of its little children, and to save child life is an axiom of state preservation, while to remedy defect is an axiom of state economy.

These are objects in which all should join, and while they may be ambitious, and slow and perhaps painfully gradual in realisation it must be remembered that age long customs cannot be changed without persistent and universal effort.

The work of the League nurse midwives still continues one of the principal parts of the League's scheme, and the nurses carry out their duties generally with great credit. The firmly established position of unregistered midwives in the country districts had in the past prevented any of the qualified and registered midwives from obtaining any hold in their district or any opportunity of obtaining a living.

The institution of the League and its determination to end this difficulty has enabled registered midwives to practice and settle in country districts. These midwives are subsidised by the League and thus enabled to maintain themselves until they have established a practice and until the people have learnt to value their services. When necessary and advisable, the unregistered midwives have been prosecuted, and have had to abandon their work. This policy has attracted to the service of the League some midwives of high character and considerable ability, who have been of the greatest benefit and utility to the districts. The gradual but persistent elimination of these unregistered women in some districts has led to the necessity of supplying another midwife by the League e.g.

West Bank District, and in others has brought at times very hard work upon the nurse herself. For instance during a short period, we find one nurse who travelled three times daily, two miles from her home to attend to a woman in dangerous circumstances at the same time as she had eight other maternity cases requiring daily visits.

At the same time while the League subsidised their midwives their services are not free to any but recognised paupers. Whatever influence the League possesses always brought upon those attended to make them pay the charge of their midwives.

The actual attendance of the nurse midwives in cases of labour, is however, only part of their work. These nurses are expected to keep in touch with all infants in their district and to visit them regularly giving advice to those needing it and bringing those sick to the attention of the Doctor. In this way all infants should be under skilled observation at regular intervals, and thus many of the dangers of death or serious sickness do not go unattended and are avoided. Most valuable work is done by the above regular inspections which are carried out irrespective of whether the infant is one of the nurse's own cases or not, and with few exceptions, the nurse has obtained the full confidence of the people somewhat to her own detriment.

The mothers now invariably come to the League nurse in cases of illness of their babies, not infrequently arousing them unnecessarily at night.

Some difficulty might have been expected when dealing with the suspicious susceptibilities of that large proportion of East Indians in our population. The East Indians, however, have recognised a good thing very readily, and some of the firmest supporters of the League are to be found in this race. They have accepted the League midwife most readily, in several parts have distinguished her with a special name: "Bachredan missy" (child missy) and have no hesitation in trusting their wives and infants to her charge and advice.

On one day at Ruimveldt Clinic forty babies were brought, nearly all East Indians, and eleven new babies all but one of East Indian race.

This year started with six midwives subsidised and working under the League. During this year ten more were established making sixteen in all, while three of the Government subsidised midwives were working in League districts, and under that influence.

The six midwives from last year were working at New Amsterdam, Ruimveldt, Agricola, Pouderoyen, Good Intent and Buxton. The ten new ones were established at Beterverwagting, Ann's Grove, Stewartville, Rose Hall (Corentyne), Bagotville, Anna Regina, Aurora, Den Amstel, and Plaisance.

The three Government subsidised midwives working in new League districts are those at Christianburg, Victoria and Mahaica.

During the year these League midwives attended 349 cases of labour with two deaths amongst the mothers, sixteen amongst the infants, and seventeen still births. When the conditions of work in this Colony

are taken into account, the result is a very creditable one. The number of cases attended in each district will be found detailed in table 4.

The Government subsidised country midwives attended 151 labours with eight deaths of infants ; six still births and without a death amongst the mothers (see Table 5). The Government midwives attached to the Public Hospital, Georgetown, attended 171 labours, in the City of Georgetown without a death amongst the mothers of infants. In accordance with the wish of the members of the Combined Court, arrangements have been made by which the League takes over the control of the subsidised Government midwives in country districts, thus adding eight more midwives to the total of sixteen or twenty-four in all. The arrangements date from January 1st, 1917.

Wherever local branches have been formed Clinics are duly held and mothers and infants are invited to come for free advice and treatment from the doctors who so kindly give up their time to attend.

The usual bi-weekly Clinics have continued regularly in Georgetown both at the Public Hospital and also at Broad Street. The attendance has been satisfactory and showed no sign of diminution. We are fortunate in having the ready co-operation of the Lady Health Visitors of the City, who have the additional satisfaction of knowing that their efforts in assisting the mothers and infants have resulted in an additional decrease in the rate of Infantile Mortality in the City, and have reduced the record (210) of two years ago yet again to 204 (*vide* Table 2.)

The valuable work of these Clinics cannot be over-emphasised and it must be remembered that not only advice and teaching are thus offered but treatment of numerous ailments plays a prominent part. Those infants more seriously affected are referred to the Hospital.

By means of these Clinics and the periodical visit of the nurse to the infants of their district, much sickness is treated early, and the graver form of maladies avoided and healthier infants obtained.

These Clinics are held not only in Georgetown, but also in New Amsterdam, Ruinveldt, Agricola, Pouderoyen, Bagotville, Good Intent, Plaisance, Beterverwagting, Buxton, Ann's Grove, Mahaica, Christianburg and Den Amstel. Whereas, there were seven Clinics at the beginning of the year, there are now fifteen in the more populous centres of Demerara.

Figures, with regard to the attendance at the longer established Clinics, will be found in Tables 11 and 12.

The Creche established in November, 1915, has been carried on throughout the year, having been established in November, 1915, to encourage poor mothers to support themselves and their infants by regular daily work. Those who visit the poorer quarters of the City cannot avoid seeing infants in charge of children eight to ten years of age, of friends who stuff infants with plantains, and rice and of old women unable even to look after themselves much less infants as well.

It was clear that the infants of mothers willing to work and support themselves suffered severe handicaps and were not given a fair chance in the world. Early experience showed the utter starvation that some infants undergo, and it was plain that nourishment adequate to their growing need was not supplied, that milk when supplied was extensively diluted and that veritably a 'drop of milk in a bucket of water' had been their portion.

The Creche has limited its opportunities to the infants of women who are actually looking for work, or actually employed at work, whose infant cannot accompany them. The thriftless, lazy, and careless mother has found no welcome.

Small payments have been exacted daily for the service of the Creche and these payments have only been relaxed in a few cases where the circumstances are fully known, and reasonable discrimination can be exercised.

The strict enforcement of these principles has led to much resentment amongst those willing to receive and not to give, but it has brought the Creche into contact with those whom it is right and justifiable to assist.

This Creche is not an additional orphan Asylum, it is not a charity, it is not slothful ease for the lazy mother, it is an institution for helping those who try to help themselves for assisting the development of independence and self esteem, for adding to the sense of responsibility and for showing to the mother the infinite benefit that arrives from properly directed care and feeding. It is a practical example of the teaching of the League.

The financial position of the Creche is set out in Statement D. Special attention is directed to the mothers' contributions of \$66.69, of which \$45.54 were contributed in the last six months.

It is the general view of the Committee that the funds placed in the hands of the League are not intended for supplying such direct material assistance as is given by the Creche and the Committee have therefore decided to limit their contribution to the expense of the Creche to \$5.00 per month in future.

The Committee consider it highly undesirable to divorce the Creche entirely from the control and Association of the League since it embodies in practice the League's teaching, and is an extremely important and powerful influence in spreading the work undertaken.

The Statistical report of infant mortality cannot be overlooked and tables 1-3 & 6-10 indicate the actual trend in later years of rates of infant mortality, the relative importance of various diseases and the prevalence of Still Births. It is by such records that the work of the League must ultimately be judged though it cannot be expected that large changes will be effected until the League has extended its working area further still and the country has been under its influence for a longer period of years.

The large number of Still Births (and possibly larger number of abortions) and the large proportion of deaths from Infantile Debility are specially prominent, and direct forcible attention to this aspect of the question.

In the illuminating memorandum on Maternity and Child Welfare prepared in 1915 by the Medical Officer of the Local Government Board in England, the following paragraphs appear. "The welfare of the mother and child cannot safely be considered separately. About 40% of the total deaths of infants occurs within a month of birth, and these are due very largely to conditions *determined by the mothers' health before the birth of her infant*. The physical influence of the mother on her offspring is much greater and more durable than the above statement implies. During the period of breast feeding the child's welfare is directly dependent on the mother's health, and after this period it is still liable to vary directly with the mother's wellbeing which mechanically effects the care she can bestow on the child." This memorandum in other places repeatedly refers to the dependence of Infant Debility, Still Births and abortions upon the state of the mothers physical condition, and in the schemes sanctioned by the Board in England, stress is laid upon Ante-Natal arrangements. These comprise (1) Antenatal clinics for expectant mothers. (2) The home visiting of expectant mothers. (3) A maternity hospital and beds at a hospital in which complicated cases of pregnancy can receive treatment. At present the last item alone is provided in this Colony and what steps should be taken in this matter are questions of grave consideration. It is here above all that the work of the League approaches very grave and difficult economical and social questions, all the difficulties of poverty, parental and conjugal support, rates of wages, evil social conditions and so forth.

The Lady Superintendent, Miss Cumming continued with the League till November by which time she had completed two years' service, and returned to England. In the month of July she delivered a course of lectures on Infant care and management to the teachers of the primary schools.

During the year the Executive Committee regretted to lose the services and advice of Dr. Rowland, the Honorary Treasurer. Fortunately Dr. Rowland willingly continued his daily services at the Creche while Dr. Duncan kindly accepted, and took over the other duties. Later in the year the death of Mr. Solomon deprived the Committee of one of their most valued and interested members.

The active expansion of the League, the foundation of branches in new areas brought the difficulty of travelling under consideration. As long as possible recourse was made to the ordinary service of train and tramcars. Within a short time, however, it was realised that these facilities were insufficient and arrangements had to be made for motor car hire to the more distant districts. In May three friends of the League kindly presented a small economical two seated car which has

since then done excellent work and enabled the executive officers of the League to carry out their duties efficiently and punctually.

The total revenue of the Executive Committee of the Baby Saving League was \$ 3,266.82 and the total expenses were \$2,997.96, leaving a balance of \$720.78 at the end of December. We again have to thank the Combined Court for its generous grant-in-aid which forms the major part of the funds. For this year the amounts granted were subdivided into general grant \$2500.00 and special grant for midwives salaries \$1500. This latter was voted for midwives salary alone and has been strictly held to that purpose. Of the \$1,500.00 \$820.75 was spent to December 31st, leaving \$679.25 in hand still reserved solely for midwives, salaries.

This amount is included in the \$720.78 above so that the balance on general account at December 31st 1916: only \$41.53. The details of revenue, expenditure, etc., of the Executive Committee and each branch will be found in Statements A. B. & C.

GEORGETOWN.

In this League District every possible measure is adopted to prevent Infant mortality. Four Lady Health Visitors visit and give advice to mother's of infants, and two clinics, one at the Public Hospital and one at Broad Street are held every Wednesday and Saturday, to which infants may be brought to receive advice and medical attention.

A successful Fete was held on March 6th at the Olympic Theatre when a large number of Members and Associates were enrolled. In July, Miss Cumming, the Lady Superintendent gave a course of lectures on infant care and management to the teachers of the Primary Schools.

The Crèche at 101, Regent Street, continues to do very good work; about 60-70 infants have attended at the crèche, with a daily attendance of about 16. Here they receive the best care and attention it is possible to get. The mothers contribute a small sum daily towards their support. Much thanks is due to Dr. Rowland for his special attention to the children at the Crèche whom he visits daily.

NEW AMSTERDAM.

This Branch of the League's work still continues satisfactorily, but much visiting is required to bring the mothers to attend the clinics regularly. The Ladies of the Committee were asked by the President to visit the second year babies of the League. This they very kindly consented to do, advising the mothers when the Infants are sick to bring them to the hospital for treatment. This movement took its origin in the poor condition of babies of the second year at the Baby Show in 1915. Milk

benefit has been given during the year which has helped the babies considerably.

During May a very successful conversazione was held in the Town Hall, altogether 131 Members and 134 Associates joined the League. Several new Members have been added to the Committee.

The Baby Show was held on November 13th at which 78 infants attended; 47 were first year babies and 31 second year babies. All were in good condition.

EAST BANK BRANCH.

This Branch of the League continues to prosper well, the clinics are always well attended and the mothers invariably come to the League nurses in the case of illness of their babies. The Clinics at Ruimveld are mostly attended by East Indians who have taken very kindly to the League.

There were very few deaths of babies for the year and those were mostly strangers who had come to the District from elsewhere and died there.

Much thanks is due to Dr. London for his untiring help at the Agricola Clinics and his interest in the League. Dr. Mitchell very kindly conducted the Ruimveld Clinics during a part of the year and on his leaving the district, Dr. Rohlehr willingly consented to take his place.

WEST BANK BRANCH.

This Branch of the League continues to improve under the supervision of the Honorary Secretary, Mrs. Quick, to whom we owe a great deal for the very great interest she takes in the League. Periodical visits are paid by the Lady Superintendent or her Assistant in the different districts, and it is a pleasure to note the great confidence placed in the nurse-midwife by the mothers of infants; they seem always willing to take the advice of "Nurse" with regard to the care and management of their infants.

On September 1st a third nurse was subsidised by the League as the work had then become too much for the two nurses, and the district was divided into three sections—Vreed-en-Hoop to Schoon Ord; La Grange to Bagotville (including 2 miles up No. I. Canal); and Nismes to Sisters.

On February 7th a very successful Show was held in Mrs. Gilbert's Hall, Pouderoyen. Over 80 infants were present and the health of those over nine months was quite above the average of children at Baby Shows here. Lady Egerton very kindly presented the prizes. One must thank the G.M.O., Dr. Boase, for his willing services to the three Clinics and his valuable help and advice to the League nurses.

BUXTON BRANCH.

The League work in Buxton is steadily increasing. The people are placing more confidence in the League nurse, who is very hard-working, and her practice has improved considerably in spite of many unusual difficulties and drawbacks. Clinics are held every Tuesday at 8 a.m. and the League is much indebted to Mrs. Gregory, the Hony. Secretary, who is always present and gives advice to the mothers of infants. Her valuable services to the League have done much to ensure success to this Branch.

A successful Baby Show was held on November 13th and it was satisfactory to see the babies all looking so well.

CHRISTIANBURG BRANCH.

This Branch started operations on March 13th, 1916. The Hon. Dr. K. S. Wise, Surgeon General, took the first Clinic and since then the work has progressed favourably. The League has undoubtedly been the means of preserving the lives of many infants, some of whom, left to the tender mercies of ignorant and indifferent mothers, would have had a poor chance of surviving.

A concert was arranged during the year and the proceeds went to swell the funds.

A very successful Show was held on December 2nd, over 30 infants were present and their general health was quite satisfactory. It was a matter for regret that Mrs. Conyers, who had been invited, could not attend and distribute the prizes, but Mrs. Larrouy of Wismar kindly acted in her stead. A word of thanks should be said to Dr. L. R. Sharples whose attendance at the Clinics is greatly appreciated by both the mothers and the Members of Committee.

BETERVERWAGTING.

This Branch held their first Clinic in June and is making much progress. The Clinics are always well attended and the League nurse is much appreciated by the mothers, and has gained their entire confidence. Her practice is slowly increasing. The mothers had an idea at first that the League nurse's fees would be bigger than the other midwives, but now that they have been assured otherwise, they are willingly seeking her services. Through the constant home visiting of the League nurse the health of the children has improved considerably and very few babies require to be treated at the Clinics.

We must thank Dr. Field for his willing services at the Clinics and his constant help and advice to the League nurse.

ANN'S GROVE AND MAHAICA.

These Branches were formed during the year, and in spite of many difficulties are making steady progress. The League nurses are gradually working up a practice and will in time gain the confidence of the people.

PLAISANCE AND DEN AMSTEL.

These Branches were only formed during the month of December.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.		Assoc. Sub.		Donation.	Govt. Grant.	Other Receipts.	Total.
	No.	Amt.	No.	Amt.				
Georgetown ...	194	\$ 46 56	861	\$ 68 88	\$ 203 07	\$2849 25	\$ 99 06	\$3266 82
N/A ...	135	32 96	135	10 80	54 84	330 00	115 68	544 28
East Bank ...	61	14 64	22	1 76	5 00	222 00	1 08	244 48
West Bank ...	24	5 76	22	1 78	25 16	270 00	13 36	316 06
Buxton ...	30	7 20	...	...	7 92	120 00	0 36	135 48
Beterverwagting ..	58	7 60	2	0 16	5 00	40 00	8 08	60 84
Ann's Grove ...	38	9 12	...	...	5 00	15 00	...	29 12
Mahaica ...	47	11 28	...	...	1 20	37 50	...	49 98
Den Amstel ...	22	5 28	...	...	...	7 50	...	12 78
Plaisance ...	32	7 68	...	...	...	3 75	...	11 43
Christianburg ...	31	7 08	1	0 08	10 92	...	20 21	38 29
Districts without Branches.	...	...	...	...	...	105 00	...	105 00
Total ...	672	\$155 16	1043	\$ 83 46	\$ 318 11	\$4000 00	\$257 83	\$4814 56

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance on Jan. 1, 1916.	Receipts.	Total Revenue.	Expenditure.	Balance on Dec. 31, 1916.
Georgetown ...	\$ 451 92	\$ 3,266 82	\$3,718 74	\$ 2,997 96	*\$ 720 78
New Amsterdam ...	264 66	544 28	808 94	587 29	221 65
East Bank ...	34 47	244 48	278 95	262 38	16 57
West Bank ...	9 01	316 06	325 07	312 59	12 48
Buxton ...	24 98	135 48	160 46	145 44	15 02
Beterverwagting ...	...	60 84	60 84	47 34	13 50
Ann's Grove ...	...	29 12	29 12	24 71	4 41
Mahaica ...	...	49 98	49 98	47 16	2 82
Den Amstel ...	...	12 78	12 78	9 20	3 58
Plaisance ...	...	11 43	11 43	5 17	6 26
Christianburg ...	...	38 29	38 29	27 81	10 48
Districts without Branches.	...	105 00	105 00	105 00	...
Total ...	\$ 785 04	\$ 4,814 56	\$ 5,599 60	\$ 4,572 05	\$ 1,027 55

*\$679.25 reserved for midwives' salaries only.

Statement C.

DETAILED EXPENDITURE.

GEORGETOWN.

Salaries, Lady Superintendent	..	..	..\$	805	80
Assistant Secretary	..	..	..	349	11
Clerical Assistant	..	..	..	7	50
Lady Health Visitor	..	..	..	340	00
Travelling	..	..	..	225	86
Chauffeur	..	..	..	98	88
Car Repairs Supplies, etc.	..	..	..	115	01
Printing, Stationery, etc.	..	..	..	82	25
Office Expenses	..	..	..	10	43
Office Rent	..	..	..	144	00
Advertising	..	..	..	4	36
Postage	..	..	..	9	50
Drugs, etc.	..	..	..	167	95
Uniform League Nurses	..	..	..	172	99
Milk	..	..	..	1	08
Creche	..	..	..	376	28
Loan to East Bank Committee (Bicycle)	..	..	..	32	50
Advance Account	..	..	..	25	00
Miscellaneous	..	..	..	29	46
				<u>\$2,997</u>	<u>96</u>

NEW AMSTERDAM.

Salary, Nurse Midwife and Health Visitor	..	..	..\$	460	00
Travelling	..	..	..	46	00
Printing, Stationery, etc.	..	..	..	25	61
Postage	..	..	..	1	32
Drugs, Medical Appliances, etc.	..	..	..	1	68
Uniform	..	..	..	17	82
Milk (Clinic)	..	..	..	47	84
Conversazione Expenses and Prizes	..	..	..	87	02
				<u>\$ 587</u>	<u>29</u>

MAHAICA.

Subsidy, Nurse-Midwife	..	..	..\$	37	50
Drugs	..	..	..	6	72
Stationery, Postage, etc.	..	..	..	2	94
				<u>\$ 47</u>	<u>16</u>

BETERVERWAGTING & TRIUMPH.

Subsidy, Nurse-Midwife	..	..	..\$	40	00
Drugs	..	..	..	6	15
Equipment, Clinic, Postage, etc.	..	..	..	1	19
				<u>\$ 47</u>	<u>34</u>

C. (contd.)

EAST BANK.

Subsidy, Nurse-Midwives (2)	..	..	..	..	..\$ 222 00
Drugs	..	..	..	..	10 52
Milk	..	..	..	..	8 69
Half cost Bicycle	..	..	..	..	16 00
Equipment	..	..	..	..	3 08
Car Fare	..	..	..	..	2 00
Stationery	..	..	..	..	09
					<hr/>
					\$ 262 38
					<hr/>

DEN AMSTEL.

Subsidy, Nurse-Midwife	..	..	..	..	..\$ 7 50
Drugs	..	..	..	..	1 22
Stationery	..	..	..	..	48
					<hr/>
					\$ 9 20
					<hr/>

Statement D.

RECEIPTS AND EXPENDITURE OF THE CRECHE.

JANUARY—DECEMBER, 1916.

(No receipts or expenditure in November or December, 1915, so statement really covers fourteen months.)

RECEIPTS—

From funds of League	..	..	..	..	.. \$376 28
From Poor Law Commissioners	..	..	..	..	113 00
Mothers' Subscriptions	..	..	..	..	66 69
Donations and Special Subscriptions	..	..	..	..	160 88
					<hr/>
					\$716 85
					<hr/>

EXPENDITURE—

Rent	..	..	..	..	.. \$ 91 00
Attendants	..	..	..	..	211 36
Milk	..	..	..	..	262 39
Equipment	..	..	..	..	54 95
Miscellaneous (Wood, Light, Soap, Bread, Rice)	..	..	..	..	57 03
					<hr/>
					\$673 73
					<hr/>

BUXTON.

Subsidy, Nurse-Midwife	..	..	..	..	..\$ 120 00
Drugs	..	..	..	..	10 47
Stationery, Postage, etc.	..	..	..	..	1 42
Equipment, Clinic	..	..	..	..	2 05
Baby Show	..	..	..	..	11 50
					<hr/>
					\$ 145 44
					<hr/>

C. (contd.)

CHRISTIANBURG.

Subsidy, Nurse-Midwife ..	..	..	..	..	Nil.
	(Government Midwife.)				
Drugs ..	..	..	..	..\$	2 32
Stationery, Stamps, etc. ..	..	..	..	..	90
Equipment, Clinic ..	..	..	..	..	1 59
Baby Show, etc. ..	..	..	..	..	23 00
					<hr/>
				\$	27 81
					<hr/>

ANN'S GROVE.

Subsidy, Nurse-Midwife (Government Midwife transferred) ..\$	15 00
Drugs ..	9 43
Stationery, etc. ..	28
	<hr/>
\$	24 71
	<hr/>

WEST BANK.

Subsidy, Nurse-Midwives (3) ..	..	..	..\$	270 00
Drugs ..	..	..	..	4 91
Stationery, etc. ..	..	..	..	3 78
Baby Show, etc. ..	..	..	..	33 90
				<hr/>
			\$	312 59
				<hr/>

PLAISANCE.

Subsidy, Nurse-Midwife ..	..	..	..\$	3 75
Drugs ..	..	..	..	1 10
Stationery, postage, etc. ..	..	..	..	32
				<hr/>
			\$	5 17
				<hr/>

TABLE 1.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese.	East Indian.	Chinese.	Black.	Mixed.
1871-75	217	...	...	...	...	...	...
1876-80	213	108	...	129	...	...	...
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	192
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	...	...	...	...	...	...

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1871-75	283	
1876-80	296	
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237

TABLE 3.
STILL BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Number.	Rate per 1,000 living Births.	Registration Area.		City Area.	
			Number.	Rate per 1,000 living Births.	Number.	Rate per 1,000 living Births.
1869-70 ...	446	64	193	160	...	...
1871-75 ...	506	67	199	139	...	...
1876-80 ...	547	66	210	139	...	...
1881-85 ...	626	75	200	134	...	...
1886-90 ...	808	87	180	124	...	...
1891-95 ...	754	99	204	128	...	...
1896-1900	899	97	221	120	...	...
1901-05 ...	894	91	203	106	...	...
1906-10 ...	895	101	197	112	...	...
1911	878	103	201	115	201	125
1912	862	87	195	106	175	112
1913	885	84	182	106	176	107
1914	943	88	193	107	188	114
1915	834	85	172	109	165	113
1916	706	85	141	100	138	104

TABLE 4.

Number of Midwifery Cases with result delivered by League Midwives.

District.	Number of Labours.	Deaths of Mothers.	Deaths of Infants under 10 days.	Still Births.
New Amsterdam ...	44	0	2	1
East Bank—				
Agricola ...	52	0	1	0
Ruimveldt ...	53	0	2	4
West Bank—				
Pouderoyen ...	60	0	4	3
*Bagotville ...	15	0	2	2
Good Intent ...	34	1	1	2

TABLE 4—(Contd.)

Number of Midwifery Cases with result delivered by League Midwives.

Buxton	31	0	2	1
*Beterverwagting ..	5	0	0	1
*Ann's Grove	18	0	0	2
*Stewartville	3	0	0	0
*Rose Hall Village ...	8	0	1	1
*Anna Regina	25	1	2	1
*Aurora	6	0	0	0
*Den Amstel	1	0	0	0
*Plaisance	2	0	0	0
Total	357	2	17	18

*Only at work part of the year.

TABLE 5.

Number of midwifery cases with results delivered by Government Midwives.

District.	Number of Labours.	Death of Mother.	Death of Infants under ten days.	Still Births.
Georgetown	171	0	0	...
Mahaicony	70	0	4	1
Mahaica	2	0	0	1
Victoria	34	0	2	2
Pomeroon	8	0	0	1
Moruca	11	0	2	0
Abary	17	0	0	1
Tuschen*	0	0	0	0
Leguan	3	0	0	0
Total	316	0	8	6

*Absent much of the year.

TABLE 6.

BIRTHS AND DEATHS OF INFANTS.

Year.	Number of Births.	Number of Deaths under one Year.	Rate per 1,000 Births.
1910	8,332	1,954	235
1911	8,530	1,865	229
1912	9,894	1,879	190
1913—Jan.-Mar. ...	2,107	525	213
Apl.-Jun. ...	2,802	470	168
July-Sept. ...	2,531	405	160
Oct.-Dec. ...	2,716	485	178
Whole Year ...	10,515	1,885	179
1914—Jan.-Mar. ...	2,861	643	209
Apl.-Jun. ...	2,762	366	123
July-Sept. ...	2,309	341	132
Oct.-Dec. ...	2,730	461	150
Whole Year ...	10,662	1,811	170
1915—Jan.-Mar. ...	2,580	507	197
Apl.-Jun. ...	2,402	376	157
July-Sept. ...	2,284	438	192
Oct.-Dec. ...	2,500	478	191
Whole Year ...	9,766	1,799	184
1916—Jan.-Mar. ...	2,104	468	222
Apl.-Jun. ...	1,887	275	146
July-Sept. ...	1,879	414	220
Oct.-Dec. ...	2,456	426	173
Whole Year ...	8,326	1,583	190

TABLE 7.

Percentage of Total Deaths in each year due to those under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage.
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6

TABLE 8.

Causes of Infant deaths with number and percentage due to each cause from 1910-1916

Cause.	1910.	1911.	1912.	1913.	1914.	1915.	1916
Malaria } No. ...	488	391	365	377	279	344	287.
} Per cent.	24.9	21.0	19.4	20.0	15.4	19.1	18.1
Diarrhoea & } No. ...	160	201	331	225	268	294	249
Enteritis } Per cent.	8.2	10.7	17.6	11.9	14.8	16.3	15.7
Syphilis } No. ...	21	39	30	36	37	32	29
} Per cent	1.1	1.2	1.2	1.2	1.1	1.5	1.8
Bronchitis & } No. ...	186	175	107	203	147	153	149
Pneumonia } Per cent.	9.5	9.4	5.7	10.7	8.1	8.2	9.4
Premature } No. ...	279	268	282	316	338	286	291
Birth } Per cent.	14.3	14.4	15.1	16.7	18.1	15.9	18.4
Infantile } No. ...	406	469	459	461	442	399	341
Debility } Per cent	20.8	25.1	24.4	24.4	24.4	22.1	21.6
All other } No. ...	393	299	280	230	272	291	237
Causes } Per cent.	21.2	18.2	16.6	15.1	18.1	17.1	15.0.
Total ...	1,954	1,865	1,879	1,885	1,811	1,799	1,583.

TABLE 9.

Birth and Infantile Mortality in the East Bank District showing the result for the whole district and also for that part in which the League nurse worked during January—December, 1916.

Area.	Number of Births.	Number of Deaths. under one year.	Rate per 1,000 Births.
La Penitence & Alexander Village } ...	44	6	
Ruimveldt Front ...	18	2	
Meadow Bank ...	4	2	
Total ...	66	10	151
Agricola & Bagotstown ... } ...	40	4	
Peter's Hall Village ...	17	1	
Total ...	57	5	88
Whole League District ...	123	15	122
Whole Registration District ...	354	67	189

TABLE 10.

Birth and Infantile Mortality in the West Bank District showing the result for the whole district and also for that part in which the League nurse worked during January—December, 1916.

Area.	Number of Births.	Number of Deaths Under one year.	Rate per 1,000 Births.
Best & Vreed-en-Hoop } ...	46	9	
Pouderoyen ...	25	11	
La Grange & Good Fortuin } ...	49	12	
Bagotville ...	45	10	
	165	42	254
Stanleytown ...	19	4	
Good Intent } ...	34	9	
Sisters ...	53	13	244
Whole League District ...	218	55	252
Whole Registration District ...	396	97	245

TABLE II.

Attendance etc., at Clinics in Georgetown.

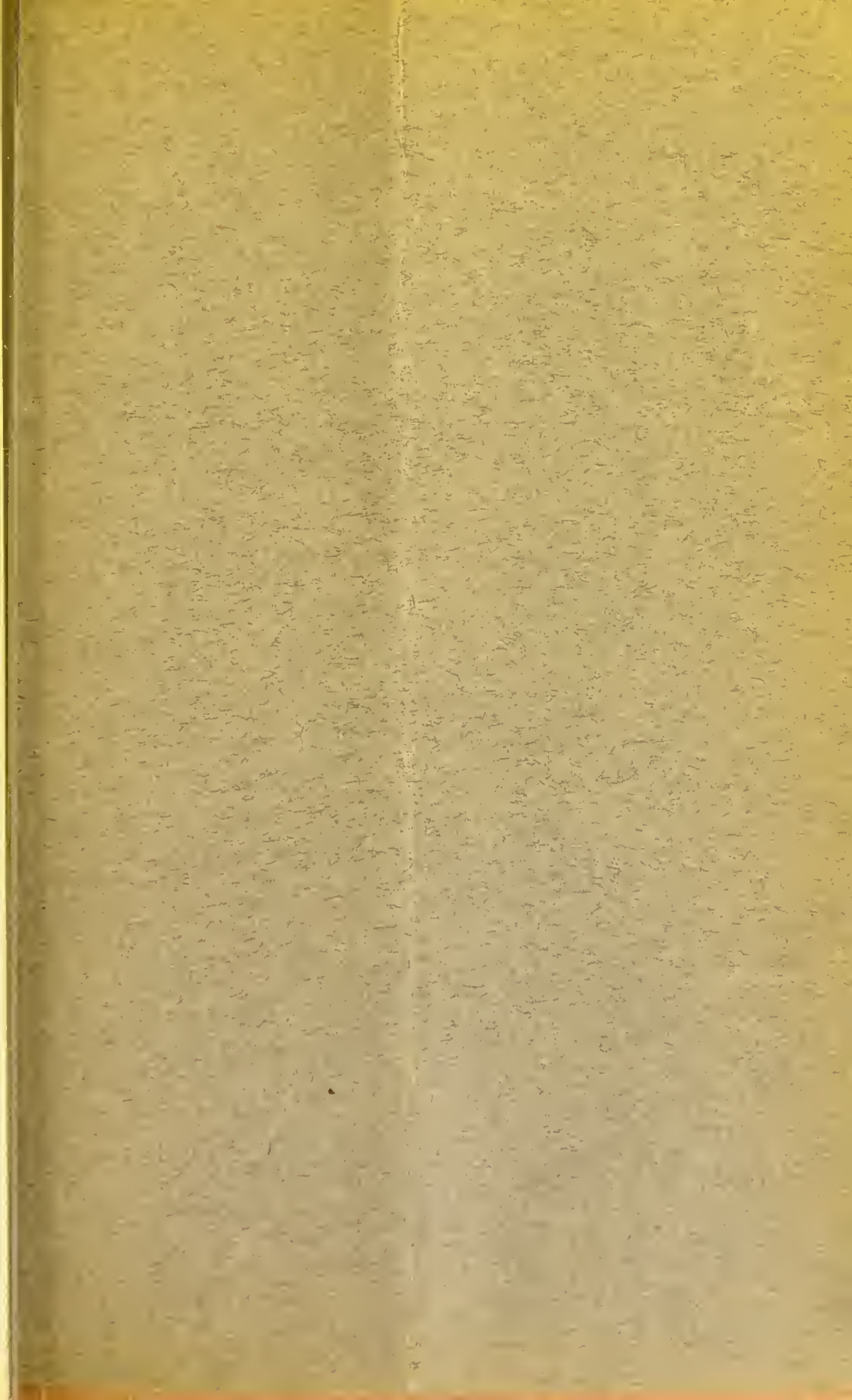
District.	Clinic at Broad Street.				Clinic at Public Hospital.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Jan. to Mar.	April to Jun.	July to Sept.	Oct. to Dec.	
Total Births ...	188	151	188	247	147	128	126	149	1324
Visited by Health Visitor ...	160	120	155	168	155	112	99	128	1097
Attended at Clinic ...	82	81	89	100	80	66	70	83	651
Average Attendance at each Meeting ...	20	23	25	28	22	20	21	20	45
Average Treated each Meeting ...	4	5	8	10	3	5	7	8	12
Death of those Attending Clinics ...	11	9	14	10	10	4	4	4	66

TABLE 12.

Attendance etc., at Clinics at New Amsterdam and Buxton.

District.	New Amsterdam					Buxton.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Total	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	
Total Births. ...	45	48	58	76	227	39	46	25	53	163
Visited by Nurse ...	25	29	32	56	142	30	36	24	51	141
Attended at Clinics ...	25	20	18	12	75	10	13	12	4	39
Average attendance each meeting ...	16	20	23	15	19	12	17	20	21	18
Average treated each meeting...	3	3	4	2	3	2	6	7	5	5
Deaths, those attending the Clinics ...	3	0	3	0	6	0	0	0	3	3





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THE
BABY SAVING LEAGUE



OF
BRITISH GUIANA.

THE FOURTH ANNUAL REPORT, 1917.

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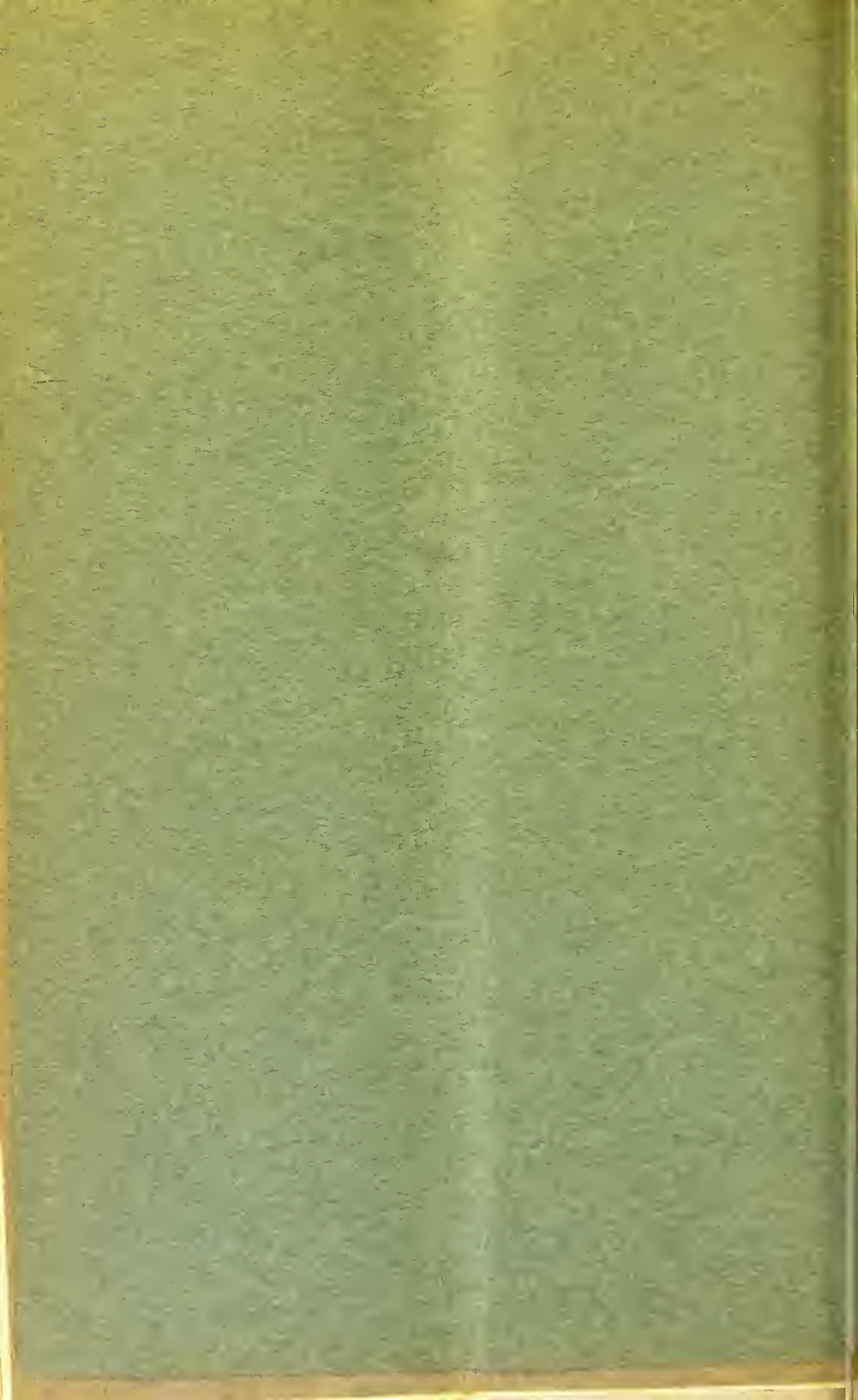
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Asst. Superintendent : MISS GORDON

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THE FOURTH ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1917.

The League has now completed the fourth year of its existence, having been founded in February, 1914. It has grown in a most promising manner and has worked consistently for the promotion of Infant Welfare ever since its inception.

At no time more than at the present has the need for the prevention rather than the cure of disease been more fully realised. There is much still to be done in bringing home to mothers the vital necessity for raising up a strong and healthy generation.

The main object of the League is to educate sympathetically and tactfully and help parents and others in a practical way in the hygiene of the Home with a view of conserving the health of the family, while directing special attention to the needs of the mothers and infants.

Overcrowding, insanitary houses bad water and bad drainage are potent factors in causing a high infant mortality and the community is responsible for the protection of its babies from those dangers. Experience shows more and more that the health of infants and little children depends upon suitable nurture and environment and is thus dependent in considerable degree upon the success of the home in warding off injurious influences and rendering the general conditions as favourable as possible. The mother is often handicapped by lack of knowledge, first of what requirements are essential to healthy infancy, and secondly, of how existing unfavourable conditions may be turned to the best advantage. A knowledge of the elementary laws of health hygiene and home management are highly desirable but usually the young mother has no better guide for the management of infancy than precepts good, bad and indifferent, handed down from her mother, grandmother or friends. One of the important functions of infant welfare work is the teaching, individual and collective in the homes, which will help mothers better to realise what conditions are favourable and what unfavourable and to

demand a higher standard of domestic sanitation and hygiene than at present exists. It must be clearly recognised that to uphold the necessity and to improve the conditions of family life is one of the important factors in infant life.

The local Committees in the various districts readily and willingly accept the control of the League's work, they give fully of their time and energy in pressing forward the general principles of the League, they collect and administer the local funds, attend the Clinics, and impress upon the mothers the serious nature of disease especially in young children, the need for obtaining skilled advice and the necessity for having trained midwives to attend them. Nothing is more gratifying to the Executive Committee than the ready sacrifice and willing co-operation of the Local Committees on whom most of the actual district work and immediate detailed supervision rest.

The Committees have been fortunate in obtaining the services of medical men in town and country to supervise the work of the Clinics and to treat any children who are sick. To them our best thanks are due. In many of the districts both private practitioners and Government Medical Officers have heartily entered into the League's Work and have by their assistance established the trained, registered midwife of the League in complete possession. Apart from the actual professional services so readily and freely given at the Clinic and elsewhere, this is possibly one of the many gratifying results of their co-operation which the League records with utmost satisfaction.

The year 1917 started with eleven branches and fifteen Clinics. During the year three more Clinics were established at Supply, Windsor Forest and Kitty respectively, and branches were also started at these places, leaving fourteen branches and eighteen Clinics at the end of the year.

In accordance with the wish of the Combined Court the eight Government Subsidised Midwives were placed under the authority of the League, making with the sixteen subsidised midwives of last year in all twenty-four subsidised League Midwives.

During the year these League Midwives attended 657 labours while the Government Midwives attached to the Public Hospital, Georgetown, attended to 164 cases. If added to these figures are the 627 births delivered in the three main Public Hospitals and the 1795 births delivered in the Estate Hospitals it will be seen that apart from the work of private registered midwives 3207 births are known to be delivered with assistance of trained and skilled mid-

wives. The total number of births of the colony were 8,933 for 1917.

There is still some trouble over the unregistered midwives in some districts especially in the new ones recently added, but that is gradually being overcome.

The League Nurse-Midwives continue their valuable work amongst the poor, giving every encouragement to expectant mothers to apply for advice before the period of labour, so that they may be prepared in every way to give their infants the best possible chance. This is one of the most important parts of their work and one that carries out the educational objects of the League. This education and assistance is free since it is desired that as far as possible every woman should avail herself of the services offered with a view to the betterment of the race. The work of these nurses is not showy and does not claim the public eye; it is very discouraging at times and may dishearten the nurse herself and it will seem little short of hopeless to effect permanent changes. None the less this work in the home is sure and certain, it lays the foundation of a genuine change for the better in the habits and customs for the future if not even for the present. Our experience repeatedly shows to parody an old saying that an ounce of demonstration in the home is better than a pound of effort in an Institution. To a large extent the efficiency of the League Work turns on the efficacy and capability of these district nurse midwives and the value of their work under very discouraging conditions will always remain a gratifying recollection to all in a position to realise their efforts.

The Clinics are held regularly in all districts. In Georgetown they open twice a week at the Public Hospital, and Broad Street. The following doctors kindly assisted the League by their services at the Clinics Drs. Craigen, MacQuaide, Craig, Chow, Rich, Perreira, Rose, Nedd, Field, Bayley and Browne; services which the League gratefully appreciates. The mothers realise more and more the necessity of these Clinics and show their appreciation by taking their babies regularly for advice and treatment.

The attendance at the Public Hospital shows an increase of 508 more than 1916. This is all the more satisfactory as there was no Baby Show held in the previous year.

Clinics are also held weekly and fortnightly in New Amsterdam, Mahaica, Supply, Ann's Grove, Buxton, Beterverwaging, Plaisance, Kitty, Ruimveldt, Agricola, Pouderoyen, Bagotville, Good Intent, Windsor Forest, Den Amstel and Christianburg.

The Windsor Forest Clinic is attended entirely by East Indians. There is a great deal of superstition amongst this race but their genuine desire to see the best done for their infants has allowed them to overcome their fixed customs and habits and they more and more accept the western methods and ideals.

The four Lady Health Visitors in Georgetown continue to visit the mothers in their homes and do excellent work in advising and encouraging the parents to give more attention to the health of their children. The Health Visitors are under the Medical Officer of Health of Georgetown, but one is paid from the Funds of the League. Miss Garrett resigned in August and Miss Selman who holds the Health Visitors and Nurses' Certificate was appointed in her place. They visit the Clinics at the Hospital and Broad Street, and readily assist the Medical Officer in attending to the infants who are brought to them for inspection and advice. Those who have visited amongst the poor of the city and who know the apparently hopeless condition under which they live can realise and appreciate the steady and unswerving devotion of these Health Visitors under most discouraging circumstances. It is a pleasure to record the appreciation of those who watch their work with interest and sympathy. The records of infant mortality in the City speak in no uncertain terms of the great value of their unassuming work—a work which should be better known and more highly honoured through the whole Colony.

The Superintendent gave health talks at intervals through the year. This teaching is most valuable and deals with matters of every day occurrence and is sufficiently simple and homely to be followed by the least intelligent. Practical demonstration is most appreciated, viz., the washing and dressing of an infant, preparation of various infant and invalid foods, correct clothing, etc. These talks are not necessarily limited to infant care. The management and comfort of the home, health of the parents and of older children can readily be dealt with. The mothers themselves ask questions freely and assist in demonstrations and can suggest subjects for discussion. In New Amsterdam in September, and at the Public Hospital, Georgetown, in October, she delivered lectures on Infant care and management to the teachers of the Primary Schools by the request and under the auspices of the Education Department.

The Annual General Meeting and a very successful Fete were held in the Olympic Theatre, kindly lent for the purpose by Mr. W. P.

Humphrey, on March 7th, when a large number of Members and Associates joined. Lantern slides on local aspects of Infant Life were shown.

A Directing Committee composed of Mrs. Macnie, Mrs. Conyers and Dr. Duncan was appointed to advise and assist the Superintendents in the detail work of the League as the Hon. Dr. Wise, President, on account of increasing onerous duties, felt he could not continue to devote as much time to this as was necessary.

Dr. Conyers acted as President from September to the end of the year, while the Hon. Dr. Wise was on leave.

The League has to deplore the loss of Mrs. Chas. Smith of the Salvation Army, who has been transferred to Barbados. She took great interest in the Broad Street Clinic and was a keen worker on the Executive Committee

The Combined Court generously voted \$2,000 for the general purposes of the League and \$3,000 especially to provide Midwives in Country Districts. In addition, subscriptions from the general public of \$93.36, donations \$51 70 were received with a balance of \$720.78 makes a total revenue of \$5,865.84.

A Creche is maintained in Georgetown by a Committee of the League to which the League contributed \$60 a year the rest of the expense being borne by voluntary subscriptions. It was removed from 101, Regent Street, to 42, Croal Street, in March, 1917. The rent of the present Creche is higher, but the premises are so well situated, the surroundings so sanitary and the conveniences of the house so great as compared with the former premises that the money is well spent. Admission to the Creche is strictly limited to the infants of mothers actually at work during the day and the infants must be removed and stay with the mothers at night. These principles are strictly adhered to. The present Matron and servants are interested in their work and do their best to carry out instructions.

The attendance has fluctuated, rising to 525 in the month of July and falling to 270 in December. The reason usually given for children being taken away altogether or kept away for a few days is that the two cents a day, which we insist upon, is more than the mother can pay.

It is impossible to calculate after-results from the work of the Creche. We can only believe that its influence on the minds of the mothers who benefit by it must have lasting effect.

An epidemic of Whooping-cough tried us sorely early in the year but recently the health of the children has been excellent.

They appear happy and the Creche is clean and tidy. The expenses have naturally increased and at present as the table shows our balance is very low. We trust that this year this good work may not fail for lack of support.

Clothing for children in the Creche has been generously provided by Mrs. Gill, Mrs. Garnett and others. Mr. Hing gave us a handsome clock and the Hon. Nelson Cannon continues to supply us with bread free of all cost.

Dr. Rowland is indefatigable in his regular daily attendance and the Creche owes him an increasing debt of gratitude. The Creche is also visited by the Lady Health Visitors and the Superintendents of the Baby Saving League.

EAST BANK BRANCH.

This Branch of the League is making much progress. The attendances at the Clinics have improved during the year and the midwifery practice is now almost entirely in the hands of the League Nurses, much of this is due to Dr. Ferguson's help in advising the mothers to engage only these Nurses.

The League is much indebted to Dr. London for his constant attendance and help at the Agricola Clinics. Thanks is also due to Dr. Rohlehr for his attendance at the Ruimveldt Clinic during the first part of the year and to Dr. Duncan who has kindly succeeded him.

The League has to regret the loss of Mrs. Kingsland the Honorary Secretary through illness, who was indefatigable.

Her place has been filled by Mrs. Josa who takes a keen interest in the work and does much good in visiting with the League Nurse and encouraging the mothers to take better care of their babies.

WEST BANK BRANCH.

This Branch of the League's work was founded in 1914 and continues to improve. The nurses do good work and the mothers are more willing to take their advice and instructions. There was a great deal of malarial fever in this district late in the year the infants suffered considerably.

On July 23rd a very successful Baby Show was held at Pouderoyen Hall at which 77 babies were presented. The general condition of the babies competing was most satisfactory and reflects great credit on the Nurses. Dr. Conyers, Dr. Perreira, Mrs. Macnie and Mrs. Conyers acted as judges and the prizes were kindly given away by Mrs. Clementi.

Nurse Nedd in the Vreed-en-Hoop District resigned on September 1st and Nurse Jackson succeeded her.

On December 1st in the Bagotville District Nurse Holder was appointed vice Nurse Petine.

Much of the success of the Branch is due to the untiring energy of the President Mrs. E. Martin and the Committee and the keen interest which Dr. Boase takes in the Clinics.

BUXTON BRANCH.

The Buxton Branch of the League has now completed its 3rd year. Each year the work and responsibilities of the League have been slowly and surely increasing.

Throughout the year Clinics have been held weekly—48 in all—with a total attendance of 383; the attendance is very irregular, but from the number of cases (161) who were in some way or another, treated at the Clinic it is evident that the mothers do appreciate our help in cases of infantile ailments. We have yet to convince them that we prefer to see healthy infants brought to the Clinics, and that much illness is preventable.

The League Nurse has delivered 44 cases, an increase of 13 on last year, the total births were 189. There are three other certified midwives resident in the village, while several uncertified women practice "gratuitously" among their extensive "families"!

We have to thank Dr. F. W. Dersheimer for his kind interest in and attending at our Clinic during the first part of the year; also Dr. MacQuaide for his help during his short residence here, also we thank the Rev. H. Gregory for his useful gift of honey.

Much of the success of this Branch is due to the Honorary Secretary, Mrs. Gregory whose persistent efforts cannot be over emphasized. During the year the Committee has lost with much regret Mrs. Humphreys, and the Rev. J. F. and Mrs. Denny, three of its most interested members and whose places have not yet been filled.

CHRISTIANBURG BRANCH.

The work of the League at Christianburg was carried on for the year with a marked improvement of interest by those attending the Clinics. They were held fortnightly by the Dispenser. A Doctor visited once a quarter when the mothers realised the benefit of bringing their babies out. The League regretted the promotion of the Government Dispenser Mr. Mortimer in the early part of the year. He took a specially sympathetic interest in this work.

Nurse Smith the League Nurse continues to do good work and is most thorough in her duties.

The Secretary Mrs. Cossou was absent from the district through illness most of the year and her place was filled at different periods by Mesdames Larrouy Sharples and Meservy. Mrs. Messervy acted most of the time and much thanks is due to her for the very great interest in the League's work.

It was impossible to hold a Baby Show in December, but it is hoped to do so early in February. The League has paid for all its drugs this year, thanks to Mrs. Cossou's energy in organising a concert to raise funds for the purpose.

MAHAICA BRANCH.

This Branch of the League's work is not improving as one would wish. The Nurses practice is steadily increasing but much visiting is required to encourage the mothers to attend the Clinics regularly. The first Baby Show was held on May 21st when a good number of babies attended and the Committee did all they could to make the Show a success. Much thanks is due to Dr. Carto, acting M.O., for the interest he took in the League and to Dr. Wills who has resumed his duties in the district, and who strongly supports the work of the League. The Honorary Secretary Mrs. Philadelphia is very regular in her attendance at the Clinics and does much good work to make the Branch a success

ANN'S GROVE BRANCH.

During the year more interest has been shown by the mothers and although the League Nurse has not been able to work up a practice, owing to the opposition of the unregistered women in the district. She is however sent for in cases which develop difficulties. The first Baby Show was held in September 24th when a fair number of babies attended. The judging was done by Mrs. Conyers and Dr. Duncan and the prizes were given away by Mrs. Conyers.

Dr. Carto while acting for Dr. Wills took a keen interest in this Branch, and gave much of his time in arranging the Show, which it was hoped he would have been able to attend.

BETERVERWAGTING BRANCH.

The people generally more especially the East Indians are learning to confide in the Nurse, whereby her practice is very much increased. The Clinics are held fortnightly on Wednesdays and are well attended. Mrs. Grants help is deeply appreciated at the Clinics.

Mrs. Walker as President takes an active interest in this Branch, and is always ready and willing to advise and assist the Nurse in all matters.

Dr. Field having left the district during the year, Dr. Reid kindly succeeded him as Honorary Physician to the League. There have been many changes in the Committee.

Owing to ill health Mr. Ogle was appointed Treasurer vice the Rev. J. H. Hendricks and Mr. Goliah succeeded Mrs. Grant as Honorary Secretary. Two new members Mr. Kisson and Mr. Ramjohn have been added to the Committee. Mr. Ogle has kindly offered a table for use at the Clinics. The first Baby Show was held on March 12th. the Surgeon General presiding and judging the babies. There were 10 prizes distributed, one of which was a special prize by Mrs. Conyers. The contributors to the prizes fund were the Committee and \$5 received from the Hon. Dr. K. S. Wise went towards the same purpose.

A League concert was organised and held on April 16th. It was very successful realising, after clearing expenses \$63.00.

PLAISANCE BRANCH.

The Plaisance Branch of the League was started on November 5th. 1916. During the year much progress has been made and the health of the babies is on the whole good. The home visiting by the Nurse and attendance on the babies is very much appreciated, but her work in the department of midwifery increases very slowly. The attendance at the Clinic is also good.

A concert was kindly arranged in June by Misses E. Inniss and F. Stoute and the proceeds have gone to swell the Funds.

We must thank Dr. Field, who had charge of the Clinic to the end of February. and Dr. Reid who has given careful attention to the babies from March to the present time. for their services so willingly given. This Branch is very fortunate in having Miss Cropper as President and Treasurer and Mr. French as Secretary, and a great deal of the success is due to the whole hearted way in which they have carried on the work, with the help of the Committee.

DEN AMSTEL BRANCH.

This Branch is handicapped by the many unregistered women residing in the district and the League Nurse has not been able yet to work up any practice. She however visits the infants in their homes and the Clinics are well attended. The Windsor Forest Clinic started in February is quite a success, and so far has given better results than at Den Amstel, though the latter with a small average attendance is

serving a good purpose. Dr. Neal's regularity of attendance at both Clinics deserves praiseworthy mention.

The first Show was held on November 9th when Dr. J. H. Conyers, the acting President, Mrs. Conyers and Dr. Rose attended. To Mrs. Glasgow the Honorary Secretary much of the success of the Branch is due. She is one of the most active and enthusiastic workers of the League.

KITTY BRANCH.

This Branch was formed at the end of the year.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Assoc. Sub.	Donation.	Govt. Grant.	Other Receipts.	Total.
	Amount.	Amount.				
Georgetown ...	\$ 16 80	\$ 76 56	\$ 51 70	\$2251 40	\$ 77 19	\$2473 65
N/A ...	46 65	...	20 00	390 00	49 01	505 66
East Bank ...	11 04	92	58	254 00	81	267 35
West Bank ...	6 28	08	38 96	385 35	1 28	431 95
Buxton ...	2 64	...	...	130 00	95	133 59
Beterverwagting ..	13 05	...	6 00	92 50	73 22	184 77
Ann's Grove ...	5 04	...	...	86 25	3 44	94 73
Mahaica ...	6 96	...	9 60	97 50	...	114 06
Den Amstel ...	17 80	...	...	90 00	...	107 80
Plaisance ...	4 88	...	4 20	97 50	36 40	142 98
Christianburg ...	2 76	...	...	228 00	...	230 76
Kitty ...	3 12	...	...	18 75	3 12	21 87
Districts without Branches.	...	...	...	878 75	...	878 75
Total ...	\$ 137 02	\$ 77 56	\$ 131 04	\$5000 00	\$ 245 42	\$5587 92

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance on Jan. 1, 1917.	Receipts.	Total Revenue.	Expenditure.	Balance on Dec. 31, 1917.
Georgetown ...	\$ 720 78	\$ 2,473 65	\$3,194 43	2,569 67	*\$ 624 76
New Amsterdam ...	221 65	505 66	727 31	491 82	235 49
East Bank ...	16 57	267 35	283 92	268 80	15 12
West Bank ...	12 48	431 95	444 43	419 43	25 00
Buxton ...	15 02	133 59	148 61	141 14	7 47
Beterverwagting ...	13 50	184 77	198 27	110 59	87 68
Ann's Grove ...	4 41	94 73	99 14	98 09	1 05
Mahaica ...	2 82	114 06	116 88	114 73	2 15
Den Amstel ...	3 58	107 80	111 38	111 38	...
Plaisance ...	6 26	142 98	149 24	116 78	32 46
Christianburg ...	10 48	230 76	241 24	235 52	7 72
Kitty ...	...	21 87	21 87	20 76	1 11
Districts without Branches.	...	878 75	878 75	878 75	...
Total ...	\$ 1,027 55	\$ 5,587 92	\$ 6,615 47	\$ 5,575 46	\$ 1,040 01

*\$320.65 reserved for midwives' salaries only.

C. (contd.)

EAST BANK.

Subsidy, Nurse-Midwives (2)	..	..	..	..\$ 254 00
Drugs	..	..	..	.. 10 78
Equipment, Clinics, etc.	..	..	..	.. 4 02
				<hr/>
				\$ 268 80

DEN AMSTEL & WINDSOR FOREST.

Subsidy, Nurse-Midwife	..	..	..	..\$ 90 00
Drugs	..	..	..	.. 6 94
Stationery & Stamps	..	..	..	.. 1 12
Equipment, Clinics & Show	..	..	..	.. 13 32
				<hr/>
				\$ 111 38.

BUXTON.

Subsidy, Nurse-Midwife	..	..	..	..\$ 130 00
Drugs	..	..	..	.. 9 14
Stationery	..	..	..	.. 1 12
Equipment, Clinic	..	..	..	.. 88
				<hr/>
				\$ 141 14

CHRISTIANBURG.

Subsidy, Nurse-Midwife	..	..	..	..\$ 228 00
Drugs	..	..	..	.. 4 32
Stationery & Stamps	..	..	..	.. 94
Miscellaneous	..	..	..	.. 26
				<hr/>
				\$ 233 52

ANN'S GROVE.

Subsidy, Nurse-Midwife	..	..	..	..\$ 86 25
Drugs	..	..	..	.. 1 84
Stationery & Equipment, Clinic	..	..	..	.. 10 00
				<hr/>
				\$ 98 09

PLAISANCE.

Subsidy. Nurse-Midwife	..	..	..	..\$ 97 50
Drugs	..	..	..	.. 17 80
Stationery, Postage	..	..	..	.. 52
Miscellaneous	..	..	..	.. 96
				<hr/>
				\$ 116 78

Statement D.

CRECHE.

RECEIVED IN 12 MONTHS.

Poor Law Commissioners .. .. .	..	..	..	..	\$ 180 00
Baby Saving League .. .. .	..	..	..	..	60 00
Messrs. Wieting & Richter .. .. .	..	..	..	..	60 00
Mr. Wieting .. .. .	..	..	..	..	60 00
Mr. Murray .. .. .	..	..	..	..	60 00
Dr. Rose .. .. .	..	..	..	..	24 00
Dr. Wise .. .. .	..	..	..	..	30 00
Mr. Sherlock .. .. .	..	..	..	..	25 00
Sir J. Godfrey .. .. .	..	..	..	..	15 00
Mr. Nicholson .. .. .	..	..	..	..	21 00
Mrs. Conyers .. .. .	..	..	..	..	24 00
Mrs. Wieting .. .. .	..	..	..	..	12 00
Mrs. Shepherd .. .. .	..	..	..	..	12 00
Dr. Duncan .. .. .	..	..	..	..	12 00
Mr. Flood .. .. .	..	..	..	..	10 00
Dr. Nunan .. .. .	..	..	..	..	5 00
Mr. C. Farrar .. .. .	..	..	..	..	5 00
Mr. R. Garnett .. .. .	..	..	..	..	5 00
Mrs. R. Garnett .. .. .	..	..	..	..	5 00
Mrs. Kidd .. .. .	..	..	..	..	5 00
Mrs. Rees-Davies .. .. .	..	..	..	..	1 00
Collected .. .. .	..	..	..	..	1 00
Mothers Paid .. .. .	..	..	..	..	87 18

\$ 719 18

Balance from 1916 .. .. .	..	..	..	..	\$ 75 54
Received .. .. .	..	..	..	..	719 18
Interest .. .. .	..	..	..	..	4 02

\$ 798 74

EXPENDITURE—

Rent .. .. .	..	..	..	..	\$ 131 00
Salaries .. .. .	..	..	..	..	181 00
Milk .. .. .	..	..	..	..	252 25
Food & Sundries .. .. .	..	..	..	..	92 61
Equipment .. .. .	..	..	..	..	6 81

\$ 663 67

Balance	135 07
-----------------	----	----	----	----	--------

\$ 798 74

Statement E.

Monthly Expenditure of Creche.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	TOTALS.
Rent	\$ 8.00	\$ 8.00	\$16.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$131.00
Salaries	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	16.00	181.00
Milk	18.75	18.50	21.60	22.10	18.81	17.60	26.07	24.54	22.50	24.66	24.24	12.88	252.25
Food & Sundries.....	6.01	4.86	8.08	7.42	6.41	7.40	8.56	8.22	8.02	9.22	7.75	10.38	92.61
Equipment		1.20	.48	1.26			48	1.29		1.14		96	6.81

Totals\$47.76 \$47.56 \$61.16 \$56.78 \$51.22 \$51.00 \$61.41 \$60.05 \$56.52 \$61.02 \$57.97 \$51.22 \$663.67

TABLE 1.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portuguese.	East Indian.	Chinese.	Black.	Mixed.
.75	217	...	...	...	...	...	...
.80	213	108	...	129	...	...	...
.85	197	147	221	128	148	203	229
.90	193	183	221	160	160	210	219
.95	217	185	263	208	172	225	222
-1900	187	88	247	159	122	215	211
.05	190	134	236	163	101	218	192
.10	220	83	255	219	138	237	196
	229	119	258	205	176	248	207
	190	95	279	158	167	227	173
	179	0	263	176	112	191	151
	170	60	232	168	116	180	145
	184	102	211	188	141	192	163
	190	121	182	191	95	208	159
	199	85	237	221	97	195	163

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1871-75	283	
1876-80	296	
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	209

TABLE 3.
STILL BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Number.	Rate per 1,000 living Births.	Registration Area.		City Area.	
			Number.	Rate per 1,000 living Births.	Number.	Rate per 1,000 living Births.
1869-70 ...	446	64	193	160	...	...
1871-75 ...	506	67	199	139	...	...
1876-80 ...	547	66	210	139	...	...
1881-85 ...	626	75	200	134	...	...
1886-90 ...	808	87	180	124	...	...
1891-95 ...	754	99	204	128	...	...
1896-1900	899	97	221	120	...	...
1901-05 ...	894	91	203	106	...	...
1906-10 ...	895	101	197	112	...	...
1911 ...	878	103	201	115	201	125
1912 ...	862	87	195	106	175	112
1913 ...	885	84	182	106	176	107
1914 ...	943	88	193	107	188	114
1915 ...	834	85	172	109	165	113
1916 ...	706	85	141	100	138	104
1917 ...	750	84	144	93	137	94

TABLE 4.

Cases attended by League Midwives.

Districts.	Births,	Deaths of Mothers	Deaths of Infants under 10 days.	Still Births.
New Amsterdam ...	33	...	5	...
Rose Hall Village ...	8	...	...	1
Springlands ...	12	...	...	1
Pen Amstel ...	1	...	...	...
Stewartville (4 mos.) ...	3	...	...	...
Buschen (8 mos.) ...	1	...	1	...
Leguan ...	8	...	1	1
Aurora ...	27	...	2	2
Anna Regina ...	79	3	10	3
Pomeroon ...	14	...	1	1
Moruca ...	10	...	...	...
Ruimveldt ...	43	1	2	3
Agricola ...	63	...	...	3
Pouderoyen ...	37	...	2	4
Bagotville ...	15	...	1	2
Good Intent ...	39	1	...	2
Kitty (2 mos.) ...	...	...	...	...
Beterverwagting ...	45	...	1	1
Buxton ...	37	...	4	1
Plaisance ...	14	...	...	...
Ann's Grove ...	3	...	...	...
Victoria ...	32	...	6	...
Mahaica ...	27	1	2	...
Mahaicony ...	76	1	4	2
Christianburg ...	30	...	1	2
Totals ...	657	7	43	29
City of Georgetown* ...	164	...	7	6
Total ...	821	7	50	35

*Attended by the Government Outdoor Midwives at Public Hospital, Georgetown.

TABLE 5.

BIRTHS AND DEATHS OF INFANTS.

Year.	Number of Births.	Number of Deaths under one Year.	Rate per Births
1910	8,332	1,954	235
1911	8,530	1,865	229
1912	9,894	1,879	190
1913	10,515	1,885	179
1914—Jan.-Mar. ...	2,861	643	209
Apl.-Jun. ...	2,762	366	123
July-Sept. ...	2,309	341	132
Oct.-Dec. ...	2,730	461	150
Whole Year ...	10,662	1,811	170
1915—Jan.-Mar. ...	2,580	507	197
Apl.-Jun. ...	2,402	376	157
July-Sept. ...	2,284	438	192
Oct.-Dec. ...	2,500	478	191
Whole Year ...	9,766	1,799	184
1916—Jan.-Mar. ...	2,104	468	222
Apl.-Jun. ...	1,887	275	146
July-Sept. ...	1,879	414	220
Oct.-Dec. ...	2,456	426	173
Whole Year ...	8,326	1,583	190
1917—Jan.-Mar. ...	2,385	465	195
Apl.-Jun. ...	2,145	355	165
July-Sept. ...	1,888	426	225
Oct.-Dec. ...	2,515	535	213
Whole Year ...	8,933	1,781	199

TABLE 6.

Percentage of Total Deaths in each year due to those under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage.
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6

TABLE 7.

Causes of Infant deaths with number and percentage due to each cause from 1910-1917

Cause.	1910.	1911.	1912.	1913.	1914.	1915.	1916	1917.	
Malaria	No. ...	488	391	365	377	279	344	287.	319
	Per cent.	24.9	21.0	19.	20.0	15.4	19.1	18.1	17.9
Diarrhoea & Enteritis	No. ...	160	201	331	225	268	294	249	242
	Per cent.	8.2	10.7	17.6	11.9	14.8	16.3	15.7	13.6
Syphilis	No. ...	21	39	30	36	37	32	29	29
	Per cent.	1.1	1.2	1.2	1.2	1.1	1.5	1.8	1.6
Bronchitis & Pneumonia	No. ...	186	175	107	203	147	153	149	183
	Per cent.	9.5	9.4	5.7	10.7	8.1	8.2	9.4	10.3
Premature Birth	No. ...	279	268	282	316	338	286	291	333
	Per cent.	14.3	14.4	15.1	16.7	18.1	15.9	18.4	18.7
Infantile Debility	No. ...	406	469	459	461	442	399	341	375
	Per cent.	20.8	25.1	24.4	24.4	24.4	22.1	21.6	21.0
All other Causes	No. ...	393	299	280	230	272	291	237	300
	Per cent.	21.2	18.2	16.6	15.1	18.1	17.1	15.0	16.8
Total	...	1,954	1,865	1,879	1,885	1,811	1,799	1,583	1,781

TABLE 8.

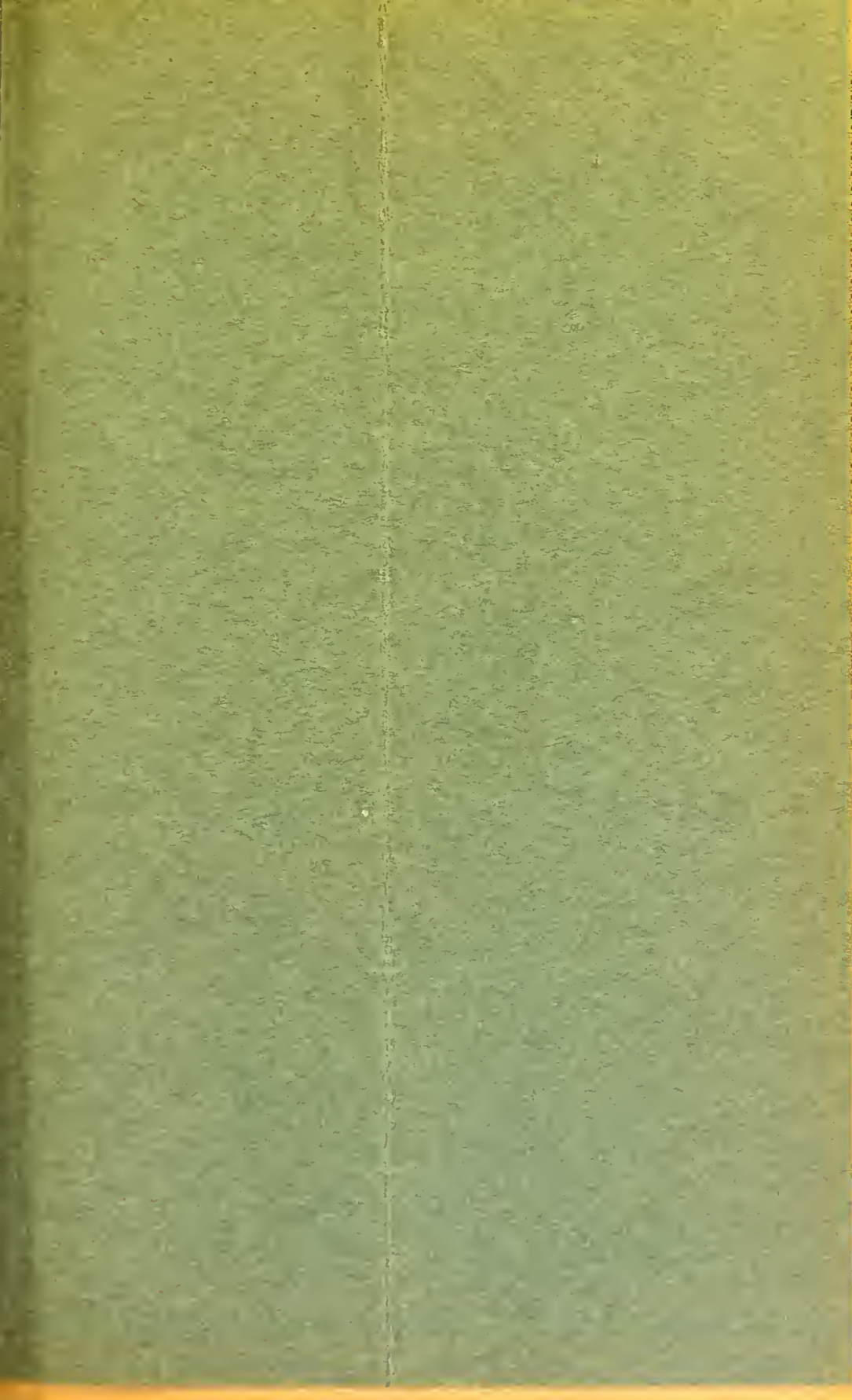
Table of Infant Mortality in various Districts.

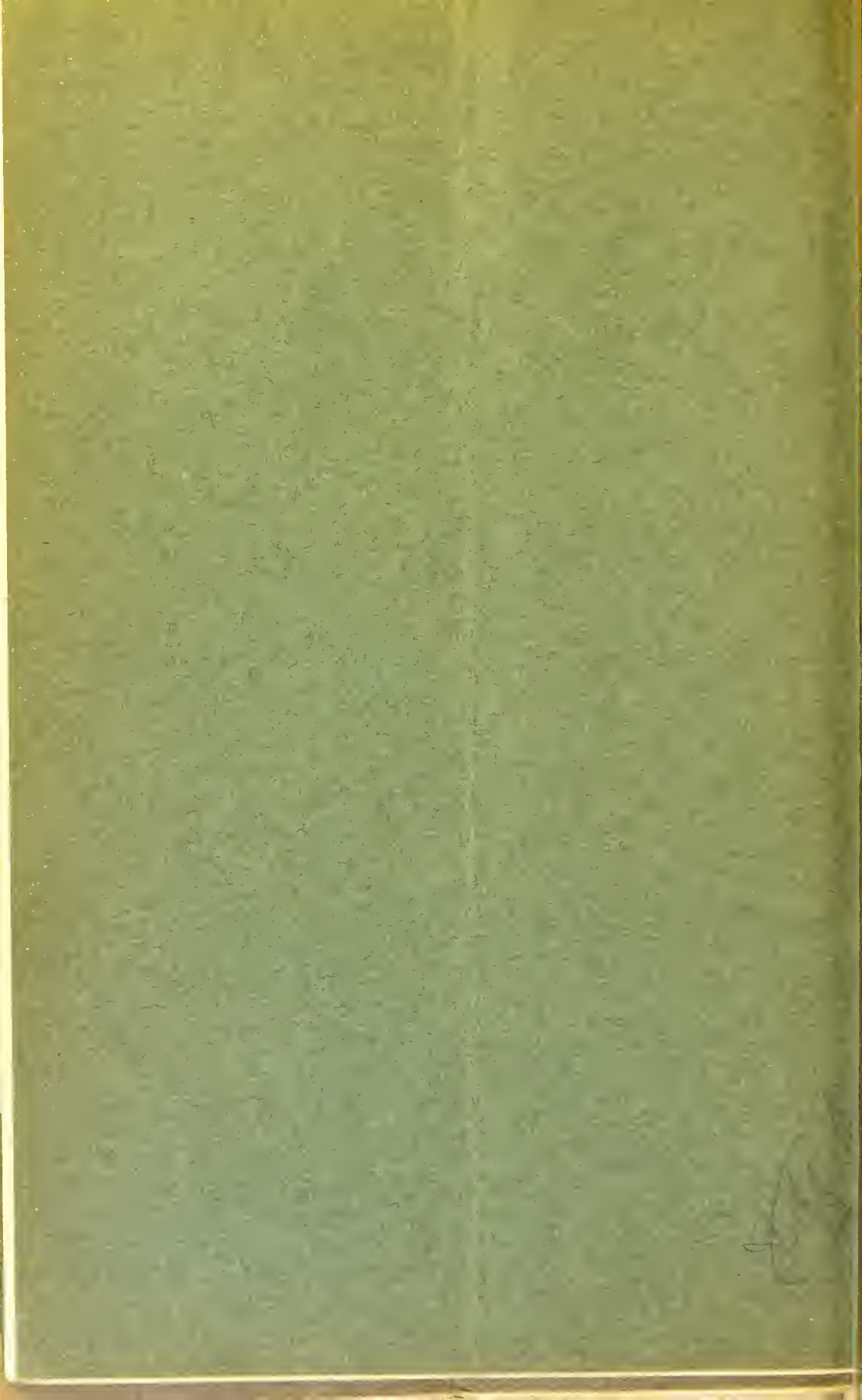
Area.	Number of Births.	Number of Deaths	Rate per 1,000 Births.
City of Georgetown ...	1,461	316	216
Town of N/A. ...	215	45	209
La Penitence & } Alexander Village }	34	7	206
Agricola & } Bagotstown }	41	5	122
Best & } Vreed-en-Hoop }	28	7	250
Pouderoyen ...	42	7	166
La Grange & } Good Fortuin }	52	10	192
Bagotville ...	41	8	195
Good Intent } & Sisters }	49	14	285
Kitty ...	74	17	228
Plaisance ...	109	21	192
Beterverwagting ...	156	31	197
Buxton ...	185	23	124
Victoria ...	97	31	319

TABLE 9.

Attendance etc., at Clinics in Georgetown.

District.	Clinic at Broad Street.				Clinic at Public Hospital.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Jan. to Mar.	April to Jun.	July to Sept.	Oct. to Dec.	
Total Births ...	139	147	144	186	187	196	208	242	1449
Visited by Health Visitor ...	133	124	115	135	151	153	152	196	1159
Attended Clinic ...	89	77	58	70	73	70	76	111	624
Average Attendance at each Meeting ...	22	20	16	16	30	26	26	29	...
Average Treated each Meeting ...	10	11	8	8	14	8	7	10	...
Death of those Attending Clinics ...	5	9	15	14	13	9	12	12	89





THE
BABY SAVING LEAGUE
OF
BRITISH GUIANA.

THE FIFTH ANNUAL REPORT, 1918.

Founder.
LADY EGERTON.

Patron.
HIS EXCELLENCY SIR WILFRED COLLET, K.C.M.G.

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HON. Dr. K. S. WISE,
(Surgeon General.)

Vice-Presidents :
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Mr. W. H. COOK, (Secretary Poor Law Commissioners.)

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of the West Indies.
His Lordship BISHOP GALTON.
Rev. R. L. MACNIE.
Dr. WISHART, (Medical Officer
of Health, Georgetown.)
Rev. E. D. JONES.
Dr. ROSE, Government Bacteriologist.
,, FIELD.

Mrs. CLEMENTI
,, CONYERS.
,, MACNIE.
,, WIETING.
Miss BRIDGE.
(Nurse Superintendent, P.H.G.)
Mrs. JOY, (Salvation Army.)
,, ROLLESTON.
BROWN.

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Govt. Medical Officer of Health.

Superintendent : MRS. McANDREW.

Asst. Superintendent : Miss GORDON

Office : CHURCH HOUSE, CHURCH STREET, GEORGETOWN.

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His Lordship BISHOP GALTON.	„ CONYERS.
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Dr. WISHART, (Medical Officer of Health, Georgetown.)	„ WIETING.
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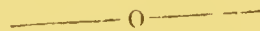
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Rev. W. A. DEANE.

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Hon. Treasurer: Mrs. FUNG-KEE-FUNG.



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	„ SCIPIO

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Hon. Treasurer: Miss GRAVESANDE.



THE FIFTH ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1918.

After five years of existence the League, in submitting its report for 1918, can with more confidence substantiate its claim that it is an institution that is doing useful work in the preservation of infant life.

The crying need of the Colony is more population not only to develop the sick resources of the interior, but, now that East Indian immigration is likely to be abolished, to maintain the industries that are already established on the Coast. Shortage of the labour supply is already reflected in the diminished acreage under sugar and this notwithstanding the enhanced prices due to the world war. A high general mortality, *in large measure due to a high infant mortality*, diminishes the natural increase of population in the Colony and it behoves the State, therefore, to preserve every single birth and to rear it in its most virile form, so that a more numerous and stronger manhood may be the result.

The League claims that it is assisting in this important work. The subsidising of duly trained midwives in the districts is obviously of immense importance to the expectant mother, whom they are taught to advise as to the proper conduct of her pregnancy, and whom they relieve in her time of suffering, and enable her to bring forth her progeny with greater safety to herself and child. Their energies do not stop here. By kindness and tact their aim is to become a friend of the household, frequently visiting and instructing the mother in the proper feeding, clothing, and general management of infant life, and the general sanitation of the home and its surroundings. They point out to the mothers the advantages of taking their children to the clinics where the medical officers may note the early deviations from health and remedy them in good time. Thus our League Nurses are doing very valuable work in laying the foundations of healthy and happy homes in our country side. It is slow and silent work, but we are confident it will in time bring a rich harvest to our Colony.

In the Influenza epidemic at the end of the year our midwives were placed at the disposal of the medical officers in the districts to assist in coping with the numerous and virulent cases of the disease. Though not specially trained as general nurses it is clear that their services might be and were very advantageously made use of in the country districts where no other nurses are available.

A further effort of the League has been the establishment of a Creche in Georgetown. The Creche has now completed its third year and we are enabled to say it has been a successful experiment, inasmuch as it provides a suitable day-nursery for the children of *working* mothers, whose spirit of independence is encouraged by the small charge (2c. a day) which is invariably exacted. In the absence of the Creche, we may take it these children would, while their mothers were at work, be left to the tender mercies of casual neighbours. It cannot be doubted that the Creche exercises a very important educational training on the mothers in the proper care and management of infant life, and it is hoped that from this small beginning its sphere may be extended and further Creches may be established in the more populous parts of the town to deal with the children in those neighbourhoods. Already many of the Sugar Estates are following suit, managers readily recognising the advantages to be gained from carefully looking after the children of mothers who are working "aback."

Thus we think our claim is justified that the Creche is doing useful work in helping to prevent the sad wastage of infant life, which looms so large in the colony's statistics.

A reference to its revenue will shew that the Creche is largely dependent on the contributions of the Poor Law Commissioners and a few private individuals. It is a well-regulated charity, under the close direction of a Committee of two ladies; it is an object lesson to mothers in the care and management of infant life; it has proved its worth in its three years of existence, and on these grounds it is earnestly hoped that the charitably disposed will help us to continue our work among poor and working mothers.

Tables of expenditure and receipts are attached, from which it will be seen that the year started with a balance of \$135.07, receipts totalled \$761.23, and expenditure amounted to \$691.88, leaving a balance \$202.02, to carry forward. The daily average attendance of Children was 12.3.

The Committee of the Creche desire to express their thanks to Mrs. Garnett, Mrs. Gill, Mrs. Shepherd, Mrs. Gainfort and others for gifts of clothing and toys. Mr. Flood has kindly helped with soup-meat, and from the Cold Storage, Mr. Phillips has sent rice, cornmeal, etc. The Creche owes a debt of gratitude to Dr. Rowland, who continues to visit daily and whose advice is much appreciated. Mrs. Macnie who gave so much time to the work of supervising the Creche left in July. Mrs. Conyers continued on the Creche Committee for the year, and Mrs. Brown was appointed in July.

The Executive Committee of the League in Georgetown attaches much importance to the work of the local Committees in the Districts. In proportion to the tact and energy with which these Committees inculcate the general principles of the League, so we may expect the spread of the knowledge of infant management among the people.

The Medical Officers in town and country have for another year been invaluable in their co-operation in giving their services freely at the Clinics

The Health Visitors in Georgetown continue to do very valuable work in visiting, advising, and encouraging mothers in the rearing of their children. In the country districts this work is done by the League Midwives and here again we think the Education of the mothers will in the long run be of immense advantage to the community in lowering infant mortality.

The health talks of the Superintendent to mothers and her lectures to the teachers of the Primary Schools are all work on similar lines and with a like object.

The Annual General Meeting and Baby Show were held at the Public Hospital, Georgetown, on March 12, when a large number of mothers and babies attended. The general standard of health of the infants was satisfactory. Prizes were distributed by Lady Major. Decorated tram cars conveyed the mothers to and from the show, and a band was in attendance. An interesting feature of the show was the exhibits of things suitable and unsuitable for baby.

In March at the Gaiety Theatre the film, "Motherhood," was screened by Mr. W. P. Humphrey, who kindly presented a portion of the proceeds to the League.

A new departure during the year was the preparation of Health Talks by Mrs. W. G. Brown for the use of the Superintendents in their visits in the district. Mrs. Rolleston also kindly prepared suggestion for Baby Shows, and Dr. Field had talks with some of the district Committees on the work of the League.

The year 1918 started with 14 branches and 18 clinics. The Leguan clinic, not proving a success, the League nurse was removed and another clinic was opened at Danielstown. Clinics are held weekly or fortnightly at the Public Hospital and Broad Street, Georgetown, New Amsterdam, Mahaica, Supply, Ann's Grove, Buxton, Beterverwagting Plaisance, Kitty, Ruimveldt, Agricola, Pouderoyen, Bagotville, Good Intent, Windsor Forest, Den Amstel, Danielstown, and Christianburg.

The League now employs 24 midwives and these attended 563 labours, whilst the Government midwives attached to the Public Hospital, Georgetown, attended 138 cases. If added to these figures are the 680 births delivered in the three main hospitals and the 1,399 births delivered on the estates it will be seen that apart from the work of private registered midwives 2,780 births are known to be delivered with the assistance of trained midwives out of a total number of 7,791 births in the whole Colony.

The Directing Committee at the beginning of the year was composed of Mrs. Macnie, Mrs. Conyers and Dr. Duncan. On the departure of Mrs. Macnie, Mrs. W. G. Brown was appointed. The League with great regret have to report the resignation of the President, the Hon. Dr. Wise at the end of the year. Dr. Rose was appointed to fill his place. Death robbed us of Mrs. Wieting on October 30, and the Committee desire to place on record their appreciation of the deep interest she took in the welfare of the League.

The Combined Court again voted \$2000 for the General purposes of the League and \$3000 to provide Midwives in the Country districts. In addition, subscriptions from the general public of \$63.28 and donations of \$146.80 were received, making with a balance of \$626.08 a total revenue of \$5,736.16.

EAST BANK BRANCH.

This Branch of the League is making good progress. The Clinics are always well attended and the Midwifery practice is entirely in the hand of the League Nurses, who continue to do good work among the mothers.

The Annual Baby Show was held on February 25th, at which 80 babies were presented. Their general health was most satisfactory. The judges were Mrs. Macnie and Drs. Rose and Duncan. The prizes were distributed by Lady Major.

WEST BANK BRANCH,

This Branch of the League's work still continues satisfactorily, but much visiting is required to get the mothers to attend the Clinics regularly.

In April the Committee agreed to supervise the Sisters Branch which until then had been worked without a Committee. A very successful Baby Show was held on July 15th, over 70 Babies were present.

Drs. Field and Boase acted as judges and Mrs. Conyers kindly presented the Prizes.

BUXTON BRANCH.

The work of the League has been going on in Buxton throughout the year, weekly Clinics have been held, but the attendance is poor and irregular.

The mothers complain that owing to "hard times" they are obliged to work, and the persons in whose charge their infants are left will not undertake the extra trouble of bringing them to the Clinic.

During the Year uncertified midwives have worked extensively in the district, and the League Nurse's practice has suffered; active steps are now being taken to alter this condition. We thank Dr. Ozzard for his help and interest, the Rev. H. Gregory who still supplies us with honey, and Mrs. MacWilliam of Non Pariel for her visits to and interest in the Clinic,

BETERVERWAGTING BRANCH.

This Branch of the Leagues work still continues satisfactorily, but much visiting is required to get the mothers to attend the fortnightly Clinics when the Babies are not ill. The health of the children has improved and the Doctor has very few infants to treat.

The Annual Baby Show was held on June 24th., over 40 Babies were present. Mrs. Conyers and Drs. Ozzard and Field acted as judges and Mrs. Conyers distributed the Prizes. In connection with the Show a Concert was held in the evening which was a great success.

ANN'S GROVE BRANCH.

Clinics were held regularly during the year with a fair attendance. The Annual Baby Show was held on November 11th. Dr. F. G. Rose examined the Babies and presented the Prizes. The Rev. and Mrs. Wood of Providence Church, Georgetown, delivered interesting addresses.

This Branch is doing good work in the District and much thanks are due to Dr. F. T. Wills who takes a keen interest in the League.

MAHAICA BRANCH.

During 1918, the work of this Branch has gone forward steadily. Two Clinics with a fair attendance are held regularly. The League Nurse has been throwing herself heartily into the work and her visits have been much appreciated. There was no Baby Show held during the Year.

CHRISTIANBURG BRANCH.

During the year the work of the League proceeded quietly. The attendance was not as good as the previous year, but nevertheless many Babies were treated.

Drs. Rich and Perreira presided over the Quarterly Clinics, the intermediate ones being taken by Dispenser Browman.

The Annual Baby Show was held on February 2nd. A fair number of Babies were present and their general health was quite satisfactory.

The Members of the Committee are thanked for their very kind interest in the League.

DEN AMSTEL BRANCH.

This Branch of the League was started on November 6th, 1916. After much difficulty in securing a good Nurse we hope one has at last been found.

The work of the League is not yet fully appreciated by those for whose benefit it exists, but we trust its influence is growing quietly and in time will be felt in the district.

During the absence of the President Dr. Neal, Dr. MacQuaide ably discharged the duties of President. The second Annual Baby Show was held on December 10th. Mrs. Conyers and Drs. Boase and Field acted as Judges and Mrs. Conyers distributed the Prizes to the successful Babies,

KITTY BRANCH.

This was the last Branch formed, and has shown much progress during the first year of its existence. Clinics were held regularly every second Saturday. Dr. Duncan attended each Clinic. In August a Concert was held in aid of the funds, which with the Members' Subscriptions have covered all expenses.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Assoc. Sub.	Donation.	Govt. Grant.	Other Receipts.	Total.
	Amount	Amount.				
Georgetown ...	\$ 29 52	\$ 33 76	\$ 146 80	\$2220 25	\$ 222 89	\$2653 22
N/A ...	20 16	6 48	1 20	360 00	89 35	477 19
East Bank ...	5 52	36	7 06	240 00	..	252 94
West Bank ...	13 92	16	14 60	360 00	2 47	391 15
Buxton ...	3 36	...	...	120 00	...	123 36
Beterverwagting..	4 80	...	16 84	90 00	56 00	167 64
Ann's Grove ...	6 48	...	7 00	90 00	...	103 48
Mahaica ...	10 56	40	18	90 00	...	101 14
Den Amstel ...	6 65	...	12 92	86 25	...	105 82
Plaisance ...	4 76	...	...	90 00	61	95 37
Christianburg ...	3 12	36	76	228 00	...	239 16
Kitty ...	5 04	...	...	90 00	5 66	100 70
Districts without Branches.	...	...	...	935 50	...	935 50
Total ...	\$ 133 89	\$ 41 52	\$ 214 28	\$5000 00	\$ 376 98	\$5746 67

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance on Jan. 1, 1918.	Receipts.	Total Revenue.	Expenditure.	Balance on Dec. 31, 1918.
Georgetown ...	\$ 626 08	\$ 2,653 22	\$3,279 30	\$ 2,760 36	\$ 518 94
New Amsterdam ...	235 49	477 19	712 68	434 82	277 86
East Bank ...	15 12	252 94	268 06	252 31	15 75
West Bank ...	25 00	391 15	416 15	407 58	8 57
Buxton ...	7 47	123 36	130 83	125 28	5 55
Beterverwagting ...	87 68	167 64	255 32	146 74	108 58
Ann's Grove ...	9 29	103 48	112 77	98 76	14 01
Mahaica ...	2 15	101 14	103 29	98 03	5 26
Den Amstel ...	...	105 82	105 82	104 60	1 22
Plaisance ...	32 46	95 37	127 83	108 02	19 81
Christianburg ...	7 72	239 16	246 88	244 82	2 06
Kitty ...	2 55	100 70	103 25	101 46	1 79
Districts without Branches.	...	935 50	935 50	935 50	...
Total ...	\$ 1,051 01	\$ 5,746 67	\$ 6,797 68	\$ 5,818 28	\$ 979 40

Statement C.

DETAILED EXPENDITURE.

GEORGETOWN.

Salaries, Superintendent	\$ 540 00
Assistant Superintendent	385 00
Lady Health Vistor, Georgetown.. .. .	206 75
Travelling	575 90
Car Repairs, Supplies and Chauffeur	115 66
Office Rent	52 00
Postage, Freight etc.	31 73
Drugs, etc.	244 56
Uniform League Nurses	184 41
Creche	60 00
Advance Account	22 50
Miscellaneous	4 76
Printing Stationery	93 88
Expenses, Health Week	53 75
Expenses, Show	45 21
Repairs X-Burg Boat	45 00
Total	\$2,760 36

NEW AMSTERDAM.

Salary, Nurse Midwife	\$ 334 00
Drugs	19 82
Stationery	13 53
Equipment Clinics	67 47
Etc.	434 82
	\$ 434 82

MAHAICA & SUPPLY.

Subsidy, Nurse Midwife	\$ 90 00
Drugs	7 12
Stationery	1 91
	\$ 98 03

BETERVERWAGTING & TRIUMPH.

Subsidy, Nurse Midwife	\$ 90 00
Drugs	16 52
Stationery	1 00
Miscellaneous	23 81
Show, (Prizes: Specially Subscribed)	15 41
	\$ 146 74

EAST BANK.

Subsidy, Nurse Midwives (2)	..	..	..	..	..	\$ 240 00
Drugs	..	..	..	..	..	9 88
Equipment Clinics, etc.	..	..	..	..	..
Etc., (Milk)	..	..	..	..	..	2 43
						<hr/>
						\$ 252 3
						<hr/>

DEN AMSTEL & WINDSOR FOREST.

Subsidy, Nurse Midwife etc.	..	..	..	..	..	\$ 99 50
Drugs	..	..	..	..	..	4 12
Stationery	..	..	..	..	..	98
						<hr/>
						\$ 104 60
						<hr/>

BUXTON.

Subsidy, Nurse Midwife	..	..	..	..	..	\$ 120 00
Drugs	..	..	..	..	..	4 66
Stationery	..	..	..	..	..	62
						<hr/>
						\$ 125 28
						<hr/>

CHRISTIANBURG.

Subsidy Nurse Midwife	..	..	..	..	..	\$ 228 00
Drugs	..	..	..	..	..	24
Stationery	..	..	..	..	..	1 20
Miscellaneous	..	..	..	..	..	14 66
Equipment Clinics	..	..	..	..	..	72
						<hr/>
						\$ 244 82
						<hr/>

ANN'S GROVE.

Subsidy, Nurse Midwife	..	..	..	..	..	\$ 90 00
Drugs	..	..	..	..	..	1 00
Stationery	..	..	..	..	..	36
Baby Show	..	..	..	..	..	7 40
						<hr/>
						\$ 98 76

PLAISANCE.

Subsidy, Nurse Midwife	..	..	..	..	\$ 90 0
Drugs	..	..	..	..	12 84
Stationery, Postage	..	..	..	..	50
Miscellaneous	..	..	..	..	4 68
					<hr/>
					\$ 108 02
					<hr/>

WEST BANK.

Subsidy, Nurse Midwives (3)	..	..	..	..	\$ 360 00
Drugs	..	..	..	..	3 74
Stationery	..	..	..	..	2 76
Prizes	..	..	..	..	18 00
					23 08
					<hr/>
					\$ 407 58
					<hr/>

KITTY.

Subsidy, Nurse Midwife	..	..	..	..	\$ 90 00
Drugs	..	..	..	..	11 31
Stamps, etc.	..	..	..	..	15
					<hr/>
					\$ 101 46
					<hr/>

Statement D.

CRECHE.

MONTHLY EXPENDITURE OF CRECHE, 1918.

	January.	Febry.	March	April	May	June	July	August	Sept.	October	Nov.	Dec.	Total
Rent	\$11 00	11 00	11 00	11 00	11 00	11 00	11 00	11 00	11 00	11 00	12 50	12 50	135 00
Salaries	17 00	17 00	17 00	17 00	14 00	14 00	14 36	17 40	17 40	17 40	17 40	16 40	196 36
Milk	11 65	16 30	16 00	18 83	16 73	15 75	19 56	20 02	19 39	20 30	20 30	18 64	213 76
Food and Sundries	1 54	10 25	10 88	11 18	8 89	9 78	13 31	14 13	13 43	11 19	11 19	10 32	136 36
Equipment	5 12	...	2 68	...	...	...	...	...	...	...	...	2 60	10 40
	\$56 31	54 55	58 08	58 01	50 62	50 53	58 22	62 55	61 22	59 89	61 44	16 46	691 88
Attendances	346	271	292	297	217	234	330	357	404	427	367	315	3857
Average (excluding Sun- days)	12.	11.	10.	11.	7	8.7	11.5	12.5	14.8	15.	13.2	10.8	12.3

MONTHLY RECEIPTS CRECHE, 1918.

P. L. Commsr.	\$28 16	17 28	29 04	29 00	25 31	25 27	29 11	31 27	30 00	29 95	30 00	30 00	344 39
B. S. League	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	60 00
Hon. Dr. Wise	...	30 00	...	...	...	...	...	...	...	...	...	60 00	90 00
Dr. Duncan	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	12 00
Mrs. Conyers	2 00	2 00	2 00	2 00	2 00	2 00	2 00	2 00	2 00	2 00	2 00	2 00	24 00
Mrs. C. Farrar	...	...	5 00	...	...	...	...	...	...	...	...	...	5 00
Mrs. Wieting	1 00	1 00	1 00	...	1 00	1 00	1 00	1 00	1 00	1 00	...	...	9 00
Mrs. Shepherd	...	...	...	...	...	...	...	...	...	...	1 00	1 00	2 00
Mr. Wieting	5 00	5 00	5 00	...	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	55 00
Messrs Wieting & Co.	...	...	...	...	60 00	...	...	...	...	...	...	...	60 00
Lady Egerton	...	...	...	...	...	11 30	...	...	...	...	...	...	11 30
Mr. Nicholson	...	...	...	...	...	5 00	...	2 60	...	...	...	...	7 60
Mr Conyers	...	...	...	...	...	...	...	...	5 00	...	...	...	5 00
Mr. Parratt	...	...	...	...	...	5 00	...	...	...	...	...	...	5 00
Mothers	6 61	4 11	5 54	4 37	3 48	2 22	8 16	6 24	6 68	7 56	6 12	6 30	67 39
	\$48 77	75 39	53 58	41 37	102 79	62 79	51 27	54 11	50 68	56 51	50 12	110 30	757 86

Balance from 1917 135 07
 Received 757 68
 Interest, etc. 3 55

896 30
 \$691 88

Balance on 31.12.18 \$ 204 42





THE BABY SAVING LEAGUE

OF
BRITISH GUIANA.

THE SIXTH ANNUAL REPORT, 1919.

Founder -
LADY EGERTON.

Patron :
HIS EXCELLENCY, SIR WILFRED COLLET, K.C.M.G.

President :
Dr. F. G. ROSE,
(Government Bacteriologist)

Vice-Presidents :
Dr. J. H. CONYERS, (Surgeon General)
Mr. W. H. COOK, (Secretary, Poor Law Commissioners.)

Committee :

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His Lordship BISHOP GALTON.	„ W. G. BOASE, Acting Surgeon General
Rev. R. L. MACNIE.	Mrs. J. H. CONYERS.
Dr. WISHART, (Medical Officer of Health, Georgetown.)	„ JOY, Salvation Army.
Rev. E. D. JONES.	„ H. L. ROLLESTON
Dr. F. E. FIELD.	„ G. W. BROWN.
	„ W. G. SMELLIE.
	„ C. FARRAR.

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Mr. W. H. COOK, Secretary, Poor
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Superintendent : MRS. McANDREW

Asst. Superintendent : Miss CARRINGTON.

Office : CHURCH HOUSE, CHURCH STREET, GEORGETOWN



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„ P. LEANDER

„ FITZ C GLASGOW

„ W. J. SMYTHE.

Mr. B. M. BAPTISTE.

THE SIXTH ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1919.

There can be no doubt that, after 6 years of up-hill work, that intangible, though powerful, factor known as "public opinion" is beginning to veer round steadily in favour of the League.

From its inception to the present day the great reproaches hurled at its head have been those old and time-honoured friends, used in turn against School Medical Inspection, Feeding of School-children, and the Insurance Act in England, that the activities of the League tend to undermine parental responsibility and to encourage illegitimacy.

These accusations are clearly based on misapprehension. The League strengthens parental responsibility, in that it endeavours to teach those parents who are in need of such teaching to look on their offspring not as inevitable nuisances simply to be tolerated but as valuable potential assets, which well repay intelligent and efficient care. It only supplies free drugs to children who are regularly brought up for inspection and advice to the Clinics by their parents, and it does not supply free nourishment except by referring cases to the Poor Law Commissioners, who only grant relief after careful enquiry.

So far as the second accusation goes, it is sufficient to say that the statistics of illegitimacy show no increase after 6 year's work of the League, nor is it easy to see that its prevalence in the colony could be increased by any encouragement whatever.

In the present, as in the past, the work of the League is concerned firstly with the infant in the pre-natal period and secondly, with the infant from birth to the age of one year.

It deals with the young infant before and at birth chiefly through the agency of the trained mid-wives whom it sends out into the country districts.

In 1919 it employed 24 midwives, who attended 490 labours, while the Government midwives attached to the Public Hospital, Georgetown, attended 173 cases. This total compares with 563 and 138 labours in 1918.

The training school for midwives in the Public Hospital, Georgetown, in particular, does excellent work which is complementary to the activities of the League in this direction but there is no doubt that the League suffers from a lack of suitable candidates for vacancies in its service.

This is attributable in part to the fact that the trained midwives as a rule, prefer work in the towns to work in the country, and in the country prefer to work under the Estate Authorities rather than in the service of the League.

Moreover, in the towns especially, there is an unfortunate tendency for midwives to usurp the place of the trained nurse and engage in general nursing as well as midwifery work, to the detriment of the nurse who has undergone her three years' training. This has the effect of attracting women who attempt to take advantage of the shorter course of midwifery training to enable them to go out and become the competitors of the trained nurse.

The League, it must be remembered, pays only a subsidy to midwives, and a capable and energetic midwife in a populous district may, and in some few cases does, build up an extensive and lucrative connection around the nucleus of her League work.

With regard to the post natal period the work of the League centres around the Clinics, the number of which, 18, remains the same as in 1918.

The success of the Clinic depends largely on the attendance of a Medical Adviser, and for this reason in some districts the Clinics have at times given disappointing results.

The question of employing a medical officer for the work of the League was therefore taken up, and a joint Sub-Committee of the League and the Tuberculosis Society consisting of Dr. Boase, acting Surgeon General and Rev. Macnie, with Dr. Rose (representing the Tuberculosis Society) was appointed, duly met, and recommended that the Government should be approached with a view to the appointment of a Medical Officer for Infant Welfare work.

This recommendation was adopted by the Executive Committee, transmitted through the acting Surgeon General and favourably received by the Government.

The sum of £300 was accordingly placed upon the Estimates and duly voted by the Combined Court.

Such an appointment will be of great and undoubted benefit to the work of the League and to the Colony as a whole.

To each Clinic is attached, in the city of Georgetown, a staff of Health Visitors, three of whom are paid by the Town Council and one by the League. In the Country their place is taken by the League Midwives.

These Officers continued their steady propagandist and educational work throughout the year, and no one who has witnessed the relationship existing between them and the mothers who attend the Clinics can doubt that their assistance and advice, though still sometimes disregarded, is becoming more and more highly valued and is beginning to bear good fruit.

The past year, then, has been spent, to use a now familiar parlance, in consolidating our positions before resuming the advance.

We sustained, however, one heavy reverse late in the year in the temporary closing down of the Creche, an effective part of what one might call our post-natal armament.

At the same time the Committee determined that the Creche should be re-opened as soon as circumstances permitted. The Fund for the erection of the League's own permanent Creche Building is being augmented as opportunity offers.

The League was fortunate in obtaining the services of such experienced workers as Mrs. Macnie, Mrs. Conyers, Mrs. Rolleston, Mrs. Cecil Farrar, Mrs. Brown and others on the Creche Committee.

These ladies desire to express their thanks to those individuals and Firms who by gifts in kind and in coin of the realm so kindly gave their assistance during the past year. To Mr. D. J. Ewing Chow and Messrs. Bettencourt & Co. our thanks are due for donations of \$100.00 and \$50.00 respectively to the Creche Building Fund. Acknowledgement may here be made of the services of Dr. Rose and those ladies and gentlemen who assisted in staging the 'Mikado,' and of Mrs. Martin-Sperry who organized the 'Mikado' Fancy Dress Ball, whereby the Creche Building Fund benefited considerably.

The local Committees and many Medical men in the towns and in the Country have given and are still giving the usual valuable and ungrudging aid in their respective spheres.

The Annual General Meeting was held on May 22nd, which was made the Baby Day during our Health Week, which opened on Saturday, May 17th, and closed on Saturday, May 24th, 1919.

The League equipped a stall at the Town Hall, in which were shown several interesting models, charts, posters, &c., illustrating the different aspects of infant care and management.

A feature of the Meeting at the Public Hospital Recreation Room was the performance of a play "The difficulties of a Young Mother" written by the Superintendent of the St. Pancras School for Mothers. In this play many of the parts were taken by the League mothers.

Incidentally the Creche Fund benefited by the entertainment to the extent of over \$100.00.

His Excellency the Acting Governor, Mr. C. Clementi, C.M.G., presided at the Meeting, and was supported on the platform by Dr. J. H. Conyers, Acting Surgeon General, Mr. J. B. Cassels, M.B.E., F.R., the Revs. Canon Moody and J. B. Cropper and Dr. Rose, President of the League.

During the year the Executive Committee suffered a heavy loss in the resignation of Dr. Wise on his departure from the Colony on leave of absence and subsequent promotion to Trinidad.

It is safe to say that no one has had the welfare of the League more at heart or done more to further its interests than its late President, and we have sustained a real loss in his absence from its counsels.

Dr. and Mrs. Conyers were absent on leave of absence during the year, Mrs. Conyers' place as guardian of the fortunes of the Creche being taken by Mrs. Rolleston, and later during Mrs. Rolleston's absence on 3 months' leave, by Mrs. Morant. Mrs. Morant on her departure from the Colony was succeeded by Mrs. Cecil Farrar who carried on the work until Mrs. Rolleston's return from leave.

Mrs. Cecil Farrar, Mrs. W. G. Smellie, Mrs. Morant, Dr. W. G. Boase, Acting Surgeon General, and Dr. Minett, G.M.O.H., on his return from leave, were added to the Committee during the year.

Mrs. Cecil Farrar and Dr. Duncan were also granted leave of absence during the year and the latter's place as Hon. Treasurer filled by Mr. W. H. Cook, Secretary, Poor Law Commissioners.

The reports of the Sub-Committees on the establishment of a Milk Depot and Welfare centre, and on the appointment of an Infant Welfare Medical Officer will be found in the appendix.

We have to express our gratitude to the Government for the grant of free passes on the Ferry Steamer for Officers of the League travelling on Service and to Messrs. Sprostons for the granting of a room to be used for a Clinic at Wismar.

The Combined Court was good enough to grant an increased subsidy to the General Purposes and the Midwives' Fund to allow of an increase in the rates of pay of the servants of the League from January 1st, 1920.

The usual financial statements follow.

NEW AMSTERDAM BRANCH.

After a period during which the League was somewhat disorganized for want of a President and a Secretary, the work has been vigorously carried on during 1919.

The Rev. Frank Nichol accepted office as President, and Mrs. E. Beckett took up the Secretaryship.

The League nurse seems to be gaining favour with the people, and she is getting more cases as time goes on.

At the close of the year there were 22 babies in fairly regular attendance at the Clinic, which is still held at the Public Hospital and has been well looked after by the Medical Officers of that Institution.

The Annual Baby Show was held in November, when 49 babies competed. Drs. Rose, De Freitas and Craig, and Miss Walker were the judges and expressed general satisfaction with the condition of the babies. We have to express indebtedness to Mrs. W. M. B. Shields and Mrs. F. G. Rose for donating special prizes.

The Berbice Baby Saving League suffered a very heavy loss through the death of Mrs. T. W. Harris, a committee member from the inception of the work in New Amsterdam, and a devoted

worker in the cause. She was most active in visiting the homes of the babies. Mrs. Cooper has kindly undertaken to carry on the special visitation work so efficiently done by Mrs. Harris.

As this report is being prepared the Berbice Committee labours under the shadow of another great loss in the death of Mrs. Beckett. She also was a foundation member of the League and a past President of this Branch, and in the moment of need referred to at the outset of this report bravely took up the Secretarial duties, although handicapped by ill-health. The loyalty and fidelity of these two ladies to the cause of the little ones will long be an incentive to Members of the League.

EAST BANK BRANCH

This branch of the League continues to do good and popular work. Nurse Millington and Nurse De Cora, the League midwives stationed in this District, have won and hold the confidence and friendship of the people.

The Committee arranged a Concert in October to defray the expenses (1) of a Baby Show, and (2) of milk and food given to deserving nursing mothers.

Gifts of sweets for sale at this entertainment were made by Messrs Booker Bros., Winsting & Richter, Smith Bros., Brodie & Rainer, Chanman & Co., Mr. Percy Wight and Mr. I. J. Hutt.

The Baby Show held in December was well attended. A large number of East Indians and a few Portuguese were present.

This Branch of the League is especially grateful to Dr. London for his kindness in attending the Clinics at Agricola until his health failed during this year.

BETERVERWAGTING BRANCH.

This Branch of the League's work is alive and active and is in a healthy condition.

Clinics were held regularly, the average attendance being 28. The Nurse had 40 cases and 22 members joined.

Three babies died during the course of the year, one suddenly. Though the Government Medical Officer unfortunately, finds it in-

convenient to be present at Clinics, he is always very willing to attend to the sick babies in the course of his regular visits.

The Annual Show held on 7th July, 1919, was well attended and many prizes were distributed.

MAHAICA BRANCH.

During the year the Committee met eight times. In the early months many suffered and not a few died through the epidemic of Influenza, during the prevalence of which the District Nurse put her services at the disposal of the Government Medical Officer.

At the meeting in September the Committee concurred in the suggestion of the Executive that the services of the nurse be dispensed with for reasons given. Nurse Thomas was sent to fill her place but after being six weeks in the district she resigned on 17th November and took up another appointment. Since that date to the end of the year there has been no Nurse.

To add to the difficulties of this Branch there have been no Clinics for a whole year owing to the lack of Medical Superintendence.

CHRISTIANBURG.

The work of the League at Christianburg has been rather dis-jointed during the year; practically all the members of the Committee being away for periods varying from 3 to 6 months.

Perhaps for this reason interest has flagged somewhat, it is confidently anticipated, however, only temporarily.

Mrs. Audries has been lost to the Committee having left the District leaving a Committee of 5.

Nurse Smith resigned and was succeeded by Nurse Van Gronigen, an old Christianburg girl, who has taken great interest in the work.

The Clinics at Wismar have not proved the success that was anticipated, but it is still hoped to continue them.

The Annual Baby Show was held in March, 15 babies being present. In addition to prizes of money each baby received material for a garment.

No Government Medical Officer has visited the District since May, which also may be responsible for some of the slacking of interest.

KITTY BRANCH.

The Kitty Clinic progresses somewhat slowly, but is doing good, and the Nurse is at last gaining the confidence of the people and getting more cases. The weather has prevented the mothers from coming out many times which accounts for the smallness of the Clinic meetings.

PLAISANCE BRANCH.

The attendance at the Clinic, which was held fortnightly, was regular throughout the year, the mothers continuing to feel that there is benefit for their babies in having them regularly examined. The health of the infants in general was good. There were 85 births in the Village and only 5 deaths. Of those who died none belonged to the League.

Nurse had more cases than in the previous year and feels that there is a growing confidence in her services.

By an unfortunate omission the Baby Show which was held in January 1918 was not recorded in last year's Report. It was a very successful Show in every way.

DEN AMSTEL BRANCH.

This Branch has laboured under considerable disabilities during the year. In the first place, there have been several changes in the appointment of G.M.O. in the district, the acting G.M.O. Dr. Ma. Quaide, being replaced by Dr. Neal, the permanent holder of the post, who resigned and was replaced by Dr. Boase, while the latter on being appointed acting Surgeon General, was replaced later by Dr. Burton.

Secondly, the midwife resigned in February, and some time elapsed before a successor could be found.

In spite of this, under the direction of the Rev. T. B. Glasgow, the Branch has bravely kept the flag flying, and conditions are steadily improving.

Mesdames Walter and Ashford were added to the Committee during the year.

Statement A.

TABLE OF RECEIPTS IN ACH DISTRICT.

District.	Mem. Sub.	Assoc. Sub.	Donations.	Govt. Grant.	Other Receipts.	Total.
	Amount	Amount.				
Georgetown ...	...	...	...	\$2,385 08	\$ 58 85	\$2,443 93
N/A ...	\$37 77	...	\$11 78	360 00	81 03	490 58
East Bank ...	8 16	\$ 24	2 40	240 00	54 62	305 42
West Bank ...	4 32	...	7 00	352 50	33	364 15
Buxton ...	2 64	...	1 20	120 00	...	123 84
Beterverwagting ..	5 26	...	16 50	90 00	243 67	355 43
Ann's Grove ...	...	...	...	48 87	...	48 87
Mahaica ...	2 40	...	...	78 75	...	81 15
Den Amstel ...	4 32	...	...	67 50	...	71 82
Plaisance ...	6 48	...	...	90 00	56	97 04
Christianburg ...	2 76	...	...	256 00	5 66	264 42
Kitty ...	3 60	...	...	95 00	...	98 60
Districts without Branches.	...	...	...	816 30	...	816 30
Total ...	\$77 71	\$ 24	\$38 88	\$5,000 00	\$ 444 72	\$5,561 55

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

	Balance on Jan. 1, 1919.	Receipts.	Revenue.	Expenditure.	Balance on Dec. 31, 1919.
Georgetown ...	\$ 518 94	\$ 2,443 93	\$2,962 87	\$ 2,499 80	\$ 463 07
New Amsterdam ...	277 86	490 58	768 44	446 73	321 71
East Bank ...	15 99	305 42	321 41	290 27	31 14
West Bank ...	8 57	364 15	372 72	370 20	2 52
Buxton ...	5 55	123 84	129 39	125 06	4 33
Beterverwagting ...	66 88	355 43	422 31	141 83	280 48
Ann's Grove ...	11 10	48 87	59 97	59 11	86
Mahaica ...	5 26	81 15	86 41	84 23	2 18
Den Amstel ...	1 22	71 82	73 04	73 04	...
Plaisance ...	20 20	97 04	117 24	97 70	19 54
Christianburg ...	2 06	264 42	266 48	249 85	16 63
Kitty ...	1 79	98 60	100 39	96 32	4 07
Districts without Branches.	...	816 30	816 30	816 30	...
Total ...	\$ 935 42	\$5,561 55	\$6,496 97	\$5,350 44	\$1,146 53

Statement C.

DETAILED EXPENDITURE.GEORGETOWN.

Salaries, Superintendent	..	..	..	\$ 540 00
Assistant Superintendent	..	..	..	280 00
Lady Health Visitor, Georgetown	..	..	..	341 25
Travelling	..	..	..	420 63
Office Rent	..	..	..	48 00
Postage, Freight, etc.	..	..	..	55 56
Drugs, etc.	..	..	..	341 28
Uniform, League Nurses	..	..	..	184 20
Creche	..	..	..	50 00
Printing Stationery	..	..	..	141 93
Typing	..	..	..	8 78
Miscellaneous	..	..	..	25 17
Dispensary, Broad Street	..	..	..	22 50
Grant to Kitty	..	..	..	5 00
Grant to Christianburg	..	..	..	28 00
Purchase of a Bicycle	..	..	..	27 50
				<hr/>
				Total \$2,499 80

NEW AMSTERDAM.

Salary, Nurse Midwife	..	..	..	\$301 85
Stationery	..	..	..	27 62
Equipment, Clinics	..	..	..	36 08
Baby Show	..	..	..	81 18
				<hr/>
				\$ 446 73

MAHAICA & SUPPLY.

Subsidy, Nurse Midwife	..	..	..	\$ 78 75
Drugs	..	..	..	4 90
Stationery	..	..	..	58
				<hr/>
				\$ 84 23

ANN'S GROVE.

Subsidy, Nurse Midwife .. ..	.. ..	.. \$ 48 37
Drugs .. ..	.. ..	.. 10 00
Stationery .. ..	.. ..	.. 24
		<hr/>
		\$ 59 11
		<hr/>

BUXTON.

Subsidy, Nurse Midwife .. ..	.. ..	.. \$ 120 00
Drugs .. ..	.. ..	.. 4 48
Stationery .. ..	.. ..	.. 58
		<hr/>
		\$ 125 06
		<hr/>

BETERVERWAGTING & TRIUMPH.

Subsidy, Nurse Midwife .. ..	.. ..	.. 90 00
Drugs .. ..	.. ..	.. 28 66
Stationery .. ..	.. ..	.. 3 46
Baby Show .. ..	.. ..	.. 19 71
		<hr/>
		\$ 141 83
		<hr/>

PLAISANCE.

Subsidy, Nurse Midwife .. ..	.. ..	.. \$ 90 00
Drugs .. ..	.. ..	.. 7 70
		<hr/>
		\$ 97 70
		<hr/>

KITTY.

Subsidy, Nurse Midwife .. ..	.. ..	.. \$ 90 00
Drugs .. ..	.. ..	.. 6 32
		<hr/>
		\$ 96 32

EAST BANK.

Subsidy, Nurse Midwives, (2)	..	..	\$ 240 00
Drugs	..	..	8 79
Equipment Clinics, (milk)	..	..	9 82
Baby Show, etc.	..	..	31 66
			<hr/>
			\$ 290 27
			<hr/>

WEST BANK.

Subsidy, Nurse Midwives, (3)	..	..	\$352 50
Drugs	..	..	17 70
			<hr/>
			\$ 370 20
			<hr/>

DEN AMSTEL & WINDSOR FOREST.

Subsidy, Nurse Midwife	..	..	67 50
Drugs & Stationery	..	..	5 54
			<hr/>
			\$ 73 04
			<hr/>

CHRISTIANBURG.

Subsidy, Nurse Midwife	..	..	\$ 228 00
Drugs	..	..	8 42
Stationery	..	..	1 19
Miscellaneous	..	..	7 68
Equipment, Clinic	..	..	56
			<hr/>
			\$ 245 85
			<hr/>

Statement D.

CRECHE.

MONTHLY EXPENDITURE OF CRECHE, 1919.

	January.	Febv.	March	April	May	June	July	August	Sept.	October	Total.
Kent	12 50	12 50	12 50	12 50	12 50	12 50	12 50	12 50	12 50	12 50	\$ 125 00
Salaries	16 40	17 40	17 40	17 40	17 50	17 50	17 50	17 50	17 50	35 00	191 10
Milk	18 64	16 96	18 00	17 76	15 96	15 33	15 96	15 40	15 95	12 25	162 22
Food and Sundries	10 44	8 66	8 39	7 42	7 56	8 97	7 91	7 83	7 91	7 46	82 55
Equipment	72	60	84	...	24	1 72	72	48	50	...	5 82
	\$58 70	56 12	57 13	55 08	53 76	56 02	54 59	53 71	54 37	67 21	\$ 566 69
Attendances	333	326	332	259	341	443	339	323	324	187	
Average (excluding Sundays)	11 4.	12 1.	11 6	9 1.	11 5	16 0	13 6	11 2	12 4	6 9	

MONTHLY RECEIPTS CRECHE, 1919.

P. L. Comms	\$29 35	28 05	28 57	7 54	26 88	28 05	27 29	26 86	27 19	24 86	\$ 274 65
B. S. League	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	5 00	50 00
Mrs. Conyers	1 00	2 00	...	3 00	...	...	...	...	...	...	6 00
Mrs. C. Farrar	5 00	...	...	...	...	...	...	...	...	...	5 00
Mr. Slack	...	...	...	24	24	...	...	48	...	...	96
Mrs. MacDougall..	...	...	...	24	...	...	...	...	...	...	24
Donation from Health Week	...	...	...	...	11 88	...	...	...	...	...	11 88
Sale of Pram	...	...	...	...	...	72	...	...	...	...	72
Drawn from Bank	...	...	...	...	...	...	...	...	50 00	...	50 00
Mothers	6 32	6 02	5 60	4 96	5 56	6 98	4 52	5 98	3 62	1 60	51 16
Interest	...	56	...	...	1 89	...	...	...	...	...	2 45
	46 67	41 64	39 17	40 98	51 45	40 75	36 81	38 32	35 81	81 46	453 06

Balance from 1918 204 42
 Received .. 453 06

Expenditure 657 48
 566 69

Balance on 31.12.19 \$90 79



TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese	East Indian.	Chinese.	Black	Mixed.
1871-75	217	...	...	...	...	...	...
1876-80	213	108	...	129	...	...	...
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1871-75	283	
1876-80	296	
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	213	278

TABLE 3.
STILL BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Number.	Rate per 1,000 living Births.	Registration Area.		City Area.	
			Number	Rate per 1,000 living Births.	Number.	Rate per 1,000 living Births.
1869-70	446	64	193	160	...	...
1871-75	506	67	199	139	...	...
1876-80	547	66	210	139	...	...
1881-85	626	75	200	134	...	...
1886-90	808	87	180	124	...	...
1891-95	754	99	204	128	...	...
1896-1900	899	97	221	128	...	...
1901-05	894	91	203	106	...	...
1906-10	895	101	197	112	...	...
1911	878	103	201	115	201	125
1912	862	87	195	106	175	112
1913	885	84	182	106	176	107
1914	943	88	193	107	188	114
1915	834	85	172	109	165	113
1916	706	85	141	100	138	104
1917	750	84	144	9	137	94
1918	751	96	163	112	137	97
1919	656	83	161	104	136	90

TABLE 4.

Cases attended by League Midwives.

Districts.	Births,	Deaths of Mothers	Deaths of Infants.	Still Births
New Amsterdam ...	44	0	4	6
Rose Hall, Corentyne...	2	1	0	1
Springlands ...	6	0	0	2
Den Amstel ...	5	0	0	0
Tuschen ...	14	0	0	1
Aurora ...	20	0	0	1
Anna Regina ...	34	1	0	4
Danielstown...	9	0	1	0
Pomeroon ...	11	3	2	2
Moruca ...	8	0	0	0
Ruimveldt ...	36	0	2	2
Agricola ...	51	0	1	3
Pouderoyen ...	41	0	2	1
Bagotville ...	16	0	3	2
Good Intent ...	21	0	1	2
Kitty ...	5	0	0	1
Plaisance ...	18	0	1	1
Beterverwagting ...	40	1	0	2
Buxton ...	23	0	2	1
Victoria ...	29	0	0	2
Anns Grove...	8	0	2	0
Mahaica ...	6	0	1	0
Mahaicony ...	25	0	1	2
Christianburg ...	18	0	1	1
Total ...	490	6	24	37
*City of Georgetown	173	0	3	6
Total ...	663	6	27	43

*Attended by the Government outdoor Midwives attached to the Public Hospital, Georgetown.

TABLE 5.
BIRTHS AND DEATHS OF INFANTS,

Year.	Number of Births.	Number of Deaths under one Year.	Rate per 1,000 Births.
1910	8,332	1,954	235
1911	8,530	1,865	229
1912	9,894	1,879	190
1913	10,515	1,885	179
1914—Jan.-Mar. ...	2,861	643	209
Apl.-Jun. ...	2,762	366	123
July-Sept. ...	2,309	341	132
Oct.-Dec. ...	2,730	461	150
Whole Year ...	10,662	1,811	170
1915—Jan.-Mar. ...	2,580	507	197
Apl.-Jun. ...	2,402	376	157
July-Sept. ...	2,284	438	192
Oct.-Dec. ...	2,500	478	191
Whole Year ...	9,766	1,799	184
1916—Jan.-Mar. ...	2,104	468	222
Apl.-Jun. ...	1,887	275	146
July-Sept. ...	1,879	414	220
Oct.-Dec. ...	2,456	426	173
Whole Year ...	8,326	1,583	190
1917—Jan.-Mar. ...	2,385	465	195
Apl.-June ...	2,145	355	165
July-Sept. ...	1,888	426	225
Oct.-Dec. ...	2,515	535	213
Whole Year ...	8,933	1,781	199
1918—Jan.-Mar. ...	2,426	563	232
Apl. Jun. ...	1,978	374	189
July-Sept. ...	1,501	323	215
Oct.-Dec. ...	1,886	479	254
Whole Year ...	7,791	1,739	223
1919—Jan.-Mar. ...	2,014	539	268
Apl.-Jun. ...	1,910	273	143
July-Sept. ...	1,610	301	187
Oct-Dec. ...	2,404	356	148
Whole Year ...	7,938	1,469	185

TABLE 6.

Percentage of Total Deaths in each year those dying under one year of age.

Year,	Number of Deaths.	Number of Deaths under one year.	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,583	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1

TABLE 7.

Causes of Infant deaths with number and percentage due to each cause from 1911-1919.

Cause.	1911.	1912.	1913.	1914.	1915.	1916	1917.	1918	1919.
Malaria	{ No. ... 391	{ 365	{ 377	{ 279	{ 344	{ 287	{ 319	{ 350	{ 228
	{ Per ct. 21.0	{ 19.	{ 20.0	{ 15.4	{ 19.1	{ 18.1	{ 17.9	{ 20.1	{ 15.5
Diarrhœa & Enteritis	{ No. ... 201	{ 331	{ 225	{ 268	{ 294	{ 249	{ 242	{ 63	{ 232
	{ Per ct. 10.7	{ 17.6	{ 11.9	{ 14.8	{ 16.3	{ 15.7	{ 13.6	{ 15.1	{ 15.8
Syphilis	{ No. ... 39	{ 30	{ 36	{ 37	{ 32	{ 29	{ 29	{ 18	{ 15
	{ Per ct. 1.2	{ 1.2	{ 1.2	{ 1.1	{ 1.5	{ 1.8	{ 1.6	{ 1.0	{ 1.0
Bronchitis & Pneumonia	{ No. ... 175	{ 107	{ 203	{ 147	{ 153	{ 149	{ 183	{ 120	{ 127
	{ Per ct. 9.4	{ 5.7	{ 10.7	{ 8.1	{ 8.2	{ 9.4	{ 10.3	{ 6.9	{ 8.6
Premature Birth.	{ No. ... 263	{ 282	{ 316	{ 338	{ 286	{ 291	{ 333	{ 308	{ 268
	{ Per ct. 14.4	{ 15.1	{ 13.7	{ 18.1	{ 15.9	{ 18.4	{ 18.7	{ 17.4	{ 18.2
Intestinal Debility	{ No. ... 469	{ 459	{ 461	{ 442	{ 399	{ 341	{ 375	{ 398	{ 338
	{ Per ct. 25.1	{ 24.4	{ 24.4	{ 24.4	{ 22.1	{ 21.6	{ 21.0	{ 22.9	{ 23.0
All other Causes	{ No. ... 299	{ 280	{ 230	{ 272	{ 291	{ 237	{ 300	{ 287	{ 261
	{ Per ct. 18.2	{ 16.6	{ 15.1	{ 18.1	{ 17.1	{ 15	{ 16.8	{ 16.5	{ 17.8
Total	... 1,865	1,879	1,885	1,811	1,799	1,583	1,781	1,739	1,469

TABLE 8

Attendance, etc., at Clinics in Georgetown.

District.	Clinic at Broad Street				Clinic at Public Hospital.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	
Total Births ...	143	155	127	185	174	202	197	250	1,433
1st Visits by Health Visitors ...	109	131	118	143	134	130	133	183	1,081
Total Visits Paid ...	1491	1444	1864	1853	2047	1748	1257	1711	13,415
Attended Clinic ...	486	434	575	502	700	645	678	515	4,535
Average Attendance at each Meeting ...	19	17	22	19	28	25	26	19	175
Average Treated at each Meeting ...	12	8	12	9	11	10	12	8	82
Deaths of those Attending Clinics ..	15	5	12	10	10	17	3	9	81

APPENDIX.

A

Report of Sub-Committee appointed to consider the question of establishing a Baby Saving League Milk Depot.

To the President and Members of the Executive Committee of the Baby Saving League.

Ladies and Gentlemen,—

Your Sub-Committee met and considered the question of establishing a Milk Depot in Georgetown under the auspices of the League.

Necessity for the Scheme.

(1) In 1910 the Government Bacteriologist examined a series of samples of milk in Georgetown and came to the conclusion that the milk-supply was open to very serious suspicion and certainly unfit for human consumption.

Since that date new Milk By-laws have come into force, yet the examination of samples by the present Government Bacteriologist recently has shown that there has been no improvement in the matter of pollution of the milk-supply.

Reference may also be made to an article by Mr. Reid of the Department of Science and Agriculture, in the last number of the Journal of the Board of Agriculture.

As a League established to assist in reducing the very high infantile mortality-rate of the Colony, it is our duty to do our utmost to secure a plentiful supply of pure milk and we have therefore no hesitation in recommending that an attempt be made to establish a Milk Depot in the City of Georgetown.

Propaganda.

(2) We are convinced that an essential preliminary to such a project is extensive advertisement and propaganda work, so as to educate people to the view that pure milk is a necessity which is worth

paying for, since it is certain that, to persuade contractors to submit to the restrictions which we are to suggest later, it will be necessary to attract them by offering high prices for guaranteed milk.

We suggest that this propaganda be entrusted to two members of the Committee, who would later be entrusted with the management of the Depot, and should take the form—

(a) of printed circulars to householders, explaining the project and asking for support,

(b) weekly articles in the daily press, and any other methods which may hereafter suggest themselves to them.

This Committee should familiarise themselves with the necessary details by reference to available books and literature on the question, which should form an addition to the library of the League.

Situation and Building.

(3) We are of opinion that, if the old Queen's College Buildings are not utilized for the housing of advanced cases of Tuberculosis, as proposed by the Government, the Government should be immediately approached with a request for the handing over of these buildings to the Baby Saving League for a welfare centre, the ground floors being then available for the Milk Depot.

If the buildings be not available, it is possible that the ground could be obtained and a suitable building erected thereon.

Contracts for Milk Supply to the Depot.

(4) In making contracts for the supply with farmers, it would be necessary to obtain the co-operation and advice of the Government Analyst, the Government Medical Officer of Health, the Medical Officer of Health for Georgetown, the Government Bacteriologist and the Government Veterinary Surgeon, who should advise as to a preliminary questionnaire to be drawn up. This should be filed in at a preliminary medical inspection of the farm, carried out by one of the Medical Officers of Health, and including such matters as the sanitation and drainage of the farm, the personal health of the farmer and his family, the hands and their families, and the general health of the district, the water-supply, etc.

The Veterinary Surgeon would be asked to report as to the health of the animals, etc.

The permanent contract should contain clauses ensuring a monthly medical report, fixing a standard, analytical and bacteriological, etc., and enforcing penalties for the breach of any clause.

A specimen contract is being drawn up for your information.

Appliances for use at Depot.

(5) The following are the appliances used at the Municipal Depot at Battersea:—

- (1) One Horse Power Boiler.
- (2) Sterilizing Chamber with Trolley.
- (3) 2 Bottle filling machines.
- (4) 2 Wire-baskets for bottles.
- (5) 1 Cold Storage Chamber.
- (6) 1 Cooling Tank.
- (7) Electric Motor.
- (8) 3 Soak Tanks for dirty bottles.
- (9) 3 sets rinsing jets.
- (10) 1 gross special bottles.
- (11) 1 milk strainer.
- (12) Draining racks, churns, cans, measures, etc.

Initial Expenditure.

(6) The initial cost of these at Battersea (Pre-war rates) was £150. At present prices probably \$1,500 would be required, to which should be added another \$500 for necessary adaptation of the building. This amount would probably suffice if the building at Queen's College were available; probably, if a new building had to be erected to serve as an Infant Welfare Centre, about \$2,000 more would be required.

Suggestions for Raising the Necessary Amount.

(7) We suggest that the Town Council and the Government be approached for grants for this purpose, and the Government be ap-

proached for the grant of the Old Queen's College Buildings. As the Depot would probably have to be run at a loss, according to the experience of other places, of about \$100 per year, these bodies should be asked to make this loss good, since the enterprise is one which has for its object the welfare of the whole community.

Probable Clientels.

(8) Arrangements could be made, as a nucleus, to supply the Tuberculosis Society, which uses about 15 pints of milk daily and the Creche, which uses about 12 pints.

Probably, it would be found that a ready sale could be obtained for guaranteed milk, even at enhanced prices, among the better class of householders, the hotels and boarding houses.

It might be possible, later, to secure the contract for the proposed Tuberculosis Hospital, and even the Public Hospital and Alms House, provided a sufficient number of farmers could be induced to contract.

(9) Apart from the inestimable benefit of the provision of a certain quantity of guaranteed milk, it would be hard to exaggerate the importance of the moral effect produced by the practical demonstration that it is possible, by using suitable precautions, to procure a plentiful supply of unpolluted milk.

B

Report of Joint Sub-Committee of the Tuberculosis Society and the Baby Saving League, appointed to consider the question of securing Medical attendance at the Dispensaries and Clinics.

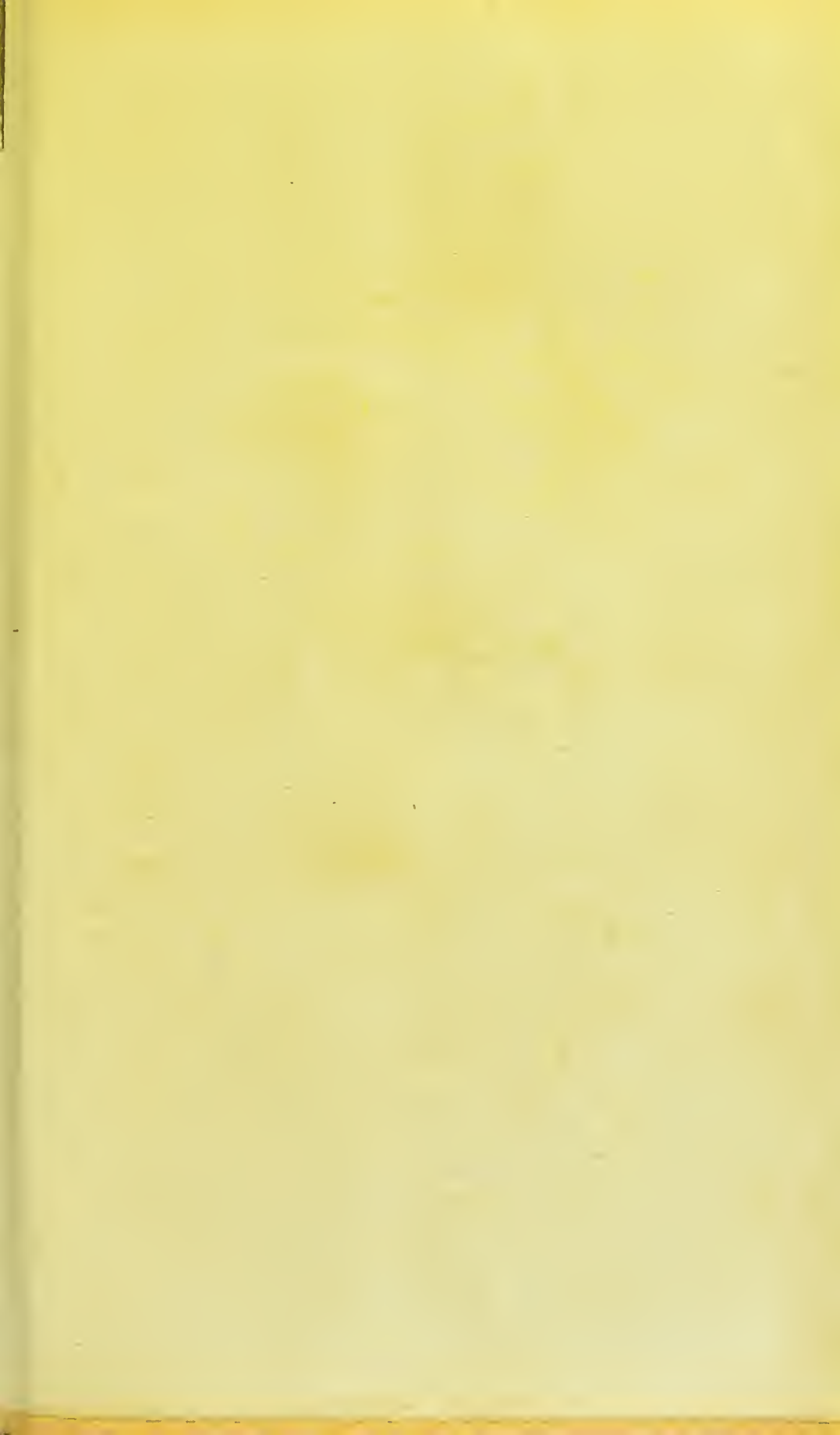
The Sub-Committee met in the Surgeon General's Office on Tuesday, September 9th, at 3 p.m., when there were present the Acting Surgeon General, the Rev. R. L. Macnie and Dr. Rose, Dr. E. P. Minett, G.M.O.H., attended by special invitation.

1. The Sub-Committee are of the opinion that, if the proposed Tuberculosis scheme is brought to fruition, it would not be practicable for a whole-time medical officer to divide his time between Tuberculous work and Infant welfare work; but a whole-time Tuberculosis

Officer should be appointed, and a recommendation to that effect should be submitted to the Government.

2. The sub-Committee considers that, since the difficulty of securing medical attendance at the Dispensaries is becoming so grave as to constitute a serious handicap to the activities of the Baby Saving League, the time has arrived when the Government should be approached with a view to the appointment of a whole-time Medical Officer, preferably a woman, to devote his or her whole attention to Infant welfare.







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P. 6030

THE
BABY SAVING LEAGUE
OF
BRITISH GUIANA.

THE SEVENTH ANNUAL REPORT, 1920.

Founder :
LADY EGERTON.

Patron :
HIS EXCELLENCY, SIR WILFRED COLLET, K.C.M.G.

President :
Dr. J. H. CONYERS, (Surgeon General.)

Vice-Presidents :
Rev. R. L. MACNIE,
Hon. A P. SHERLOCK.

Committee :

His Grace The ARCHBISHOP of the West Indies.	Mrs. G. W. BROWN.
His Lordship BISHOP GALTON.	„ C. CLEMENTI, M.B.E.
Rev. E. D. JONES.	„ J. H. CONYERS, M.B.E.
Dr. W. G. BOASE,	„ C. FARRAR.
„ MACQUAIDE, (Resident Surgeon, P.H. Georgetown),	„ JOY, Salvation Army.
„ E. P. MINETT, (Government Medical Officer of Health).	„ R. L. MACNIE.
„ F. G. ROSE, (Government Bacteriologist).	„ Mc. CUNN.
„ W. de W. WISHART, (Medical Officer of Health, Georgetown).	„ H. L. ROLLESTON
	„ W. G. SMELLIE.
	Miss CLAPHAM, (Nurse Supt. P.H.G.)

Treasurer : Mr. W. H. COOK, (Secretary, Poor
Law Commissioners).

Superintendent : MRS, McANDREW

Asst. Superintendent : Miss CARRINGTON, January—March.
Mrs. HENDRICKS, April—October.

Office : CHURCH HOUSE, CHURCH STREET, GEORGETOWN.



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MRS. W. M. B. SHIELDS.

VICE-PRESIDENT:

MRS. W. H. PARRATT.

COMMITTEE:

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Rev. I. W. Mc GILL	" M. A. COSSOU
" W. RHODES	" E. J. EZECHIELS
Dr. Q. B. DE FREITAS	" W. RHODES.
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Hon. Secretary: Miss COLLIER.
Hon. Treasurer: Mrs. ANDERSON.

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Miss CROPPER.

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Mrs. VINCENT.
Hon. Secretary : Mr. T. A. FRENCH, Jan.—Sept.
Rev. J. B. CROPPER, D.D., Oct.—Dec.
Hon. Treasurer : Miss CROPPER.

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" A. SWAMY

" KHANAI

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COMMITTEE:

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Mrs. BRADSHAW.

" W. C. BOBB

" R. CROMWELL.

" J. A. WILSON.

Hon. Secretary: Mrs. P. LEANDER.

Hon. Treasurer: Mr. C. A. Simon.



THE SEVENTH ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA, 1920.

If it were possible to answer the question sometimes asked, "How many babies has the Baby Saving League saved?" it would be easy to report the progress made from year to year.

Unfortunately, progress is not a matter of figures alone—we can point to the fact that the infant mortality rate for the Colony has fallen from 185 in 1919 to 148 in 1920; we can show that the number of cases taken by the League midwives has risen from 490 in 1919 to 615 in 1920, and that the deathrate amongst babies attending the League clinics is much below the general infant death-rate of the colony.

The results of the most arduous work of the League, that of visiting in the districts and gradually educating the people to desire better health conditions for their babies, cannot be expressed in figures, but there is no doubt that the prejudice against the League, and against "Baby Saving" in general, is dying down, and that many mothers are beginning to see the advantage of having, and of rearing, healthy babies.

The work of the League nurses, formerly almost confined to midwifery cases, is now broadening out into general infant welfare visiting, and *all* babies are visited regularly until they are a year old, whether mothers are members of the League or not. Thus all infants in the colony are gradually coming under the influence of better training.

Dr. Rose resigned his Presidency in May; Dr. Conyers taking his place until his breakdown in health necessitated his leaving the colony. The Presidency has since been held by Dr. Ozzard.

The Committee would like to place on record their appreciation of the services rendered to the League by both Dr. and Mrs. Conyers, who have at all times given their warm interest and support to the work.

It was decided early in the year to apportion the increased Government grant to allow of an increase of 33½ per cent. on subsidies of \$7.50. with proportionate increase of others. Later in the

year it was agreed to raise the subsidies of nurses recommended for increase to \$12.50 per month. Except in New Amsterdam, where the subsidy is higher, the nurse takes her midwifery fees without deduction.

Miss Carrington, Assistant Superintendent, resigned in February. Mrs. Hendricks was appointed Assistant Superintendent from April to October, since when no appointment has been made.

The Annual Meeting was held on 17th May in the Town Hall, under the patronage of His Excellency the Governor.

The Directing Committee was revived in May, and comprised Mrs. Conyers, Mrs. Macnie, and Mr. Cook, with Mrs. Minett as co-opted member.

Mrs. Minett, M.D., was appointed part-time Medical Officer to the League from 1st July.

Dr. Minett, who had attended the clinics at Kitty and Ruimveldt, was unable to continue his attendance after May; Dr. Wills resigned his attendance at Good Intent, Bagotville, and Pouderoyen clinics from August; Buxton now remains the only clinic attended by a District Medical Officer; Dr. Ozzard, Dr. Frendo, and Dr. Miller having successively taken the Clinic there.

In July it was agreed to open a Crèche if the Government and Town Council would supply the necessary funds. The Town Council were unable to accede to this request, but the Government promised a sum of £1,000 for the work in 1921.

Donations are gratefully acknowledged from Dr. London, the Printer's Friendly Society, and Mr. Nicholson on behalf of the New Schoon Ord Company, for the Crèche Building Fund, and a donation of \$10.00 from Mr. Strickland for the general purposes of the League. It was decided to invest \$1,000 from "The Mikado" takings in 5 per cent. Government Bonds.

With the appointment of a Medical Officer, systematic visiting and supervision of the work of the nurse midwives was instituted and the keeping of weekly diaries of their visiting was introduced. About six hours work a day, due consideration being given to the hours spent at confinement cases, is expected of the nurses, while reports of the infants seen, and full details of each maternity case taken, are kept. This has been introduced gradually, having regard to the inexperience of the nurses in writing reports, and nearly all districts were reporting regularly at the end of the year.

The Medical Officer visited, in addition to the Demerara districts, those of New Amsterdam, Rose Hall (Corentyne), and Springlands, while the Superintendent, after giving a course of lectures to Pupil Teachers upon Infant Care, for the Education Department, in Suddie, visited the Pomeroon, Aurora, and Daniels-town. On these visits the midwifery bags and equipment were inspected, and in many cases were found to fall short of what was

necessary for up-to-date care of confinements. The equipment was renewed and in most cases added to, and each nurse now has a fairly complete bag, to be improved as funds permit, which she is instructed to keep up to standard, drugs and appliances being requisitioned from the Central Office when required, and open to inspection at any time by the Medical Officer or Superintendent. to the Central Office, which can get larger quantities at reduced rates. Most of the districts have now given over the purchase of drugs, etc., rates, the districts making a contribution out of their funds according to their membership.

The nurses on an average visit 40 to 50 babies a week, so that in the more compact districts each child under one year should receive about 10 visits. Sick babies are visited more often, the mothers advised and helped with simple drugs, or recommended to the District Medical Officer. No preferential treatment, however, is accorded to these infants in the matter of fees, and it would be of great value to infant welfare work generally if the Government Medical Officers would see these babies, on production of a Clinic attendance card, at reduced rates. Doubtless all are not poverty stricken, but the mothers are already too prone to postpone a visit to the Doctor until too late when an earlier visit might have meant the prevention of fatal illness. This is more especially the case in districts where a Clinic is not held fortnightly.

Regular fortnightly Clinics have been held at Agricola, Bagotville, Beterverwagting, Buxton (since August), Good Intent, Kitty-Plaisance, Pouderoyen, Ruimveldt, and preparations made for monthly Clinics at Mahaica and Ann's Grove, which had been without a nurse for part of the year.

The branches at Tuschen and Moruca were given up at the end of the year as they were found to be not working satisfactorily and it was not possible, on the ground of expense, to visit them regularly; the branch at Springlands was transferred to Adelphi.

The nurse at Anna Regina accepted more lucrative work in the Estate Hospital, and an arrangement was made with the Manager so that women not belonging to the Estate might still benefit by her services.

The increased cost of travelling made it necessary to cut down the visiting in November and December, but it is hoped that it may be possible to increase it again in the new year. It is not satisfactory to have nurse midwives in districts where they cannot be supervised, as their training has been in most cases confined to maternity cases in hospital, and when "planted out" in country districts, where no conveniences are to hand, it is difficult for them, without help and encouragement, to keep themselves up to a high standard of cleanliness or care. Again, the training of a midwife is chiefly for the benefit of the infant up to nine days old, and few of our nurses have had definite teaching in infant welfare work where infants are under care up to one year of age. This difficulty

will gradually be remedied now that a local Health Visitors' certificate, and the certificate of the English Royal Sanitary Institute, is open to our nurses. It is to be noted that the class of nurses applying for League work is steadily improving in general education, although the best nurses invariably still desire town, and not country practice.

The recommendation of the Committee that nurses qualifying themselves as R.S.I. Health Visitors should have a substantial increase in subsidy, should be of great value in attracting a good class of nurse to League work.

It will be noted that the death-rate of infants is still very high, 26 for 615 births in the country districts served by the League nurses, while the outdoor midwives in Georgetown have had only 1 death in 150 cases. This is probably accounted for by the lack of all conveniences in the country homes, even clean warm wrappings for a new-born baby being often unprocurable, much less any special requirements for a weakly infant, while in town any case requiring special care can be quickly removed to the Public Hospital.

The still-birth rate is still appallingly high, and when one adds to it the number of known abortious, it is obvious that our still-birth problem is one which should be receiving a good deal of practical attention. It has not been found possible as yet to arrange for any ante-natal care in the clinics, the most that can be done is for the nurse to pay particular attention to the expectant mothers on her books. Here the nurse who has been trained as a midwife only, and not in general nursing, is at a disadvantage, for she has little experience in noting early signs of disease, and mothers, accustomed to various little ailments in pregnancy, are unwilling to call in a doctor unless they have very strong indications as to the necessity for so doing. The majority of women, too, do not engage the midwife until very near, or even at, the time of confinement. In such cases the "looking up" of expectant mothers by the Medical Officer is of decided value, but this again means frequent visits to districts.

Statement A shows the receipts in each district. With the increase in Government grant, perhaps not unnaturally the number of subscriptions falls, but those interested in the work might remember that there are many parts for which tax-payers' money cannot fairly be used, such as any entertainments for the mothers, which are very much looked forward to by the members, and the lack of which, we find, militates against a large attendance at clinics, human nature being so constituted that the reward of virtue is more easily seen in tea and buns than in a baby with increasing weight and better health. We should much like funds for a nurses' library, where the nurses might improve their knowledge and learn how similar work is done

in other countries. We might aspire to teaching by some magic lantern or cinema "shows," as is being done in England with much success, if we had the money.

All these matters are of educational value and help to raise the standard of nursing and "mothering" among our people.

Statement B shows how nearly receipts and expenditure balance, several branches are saving up to get an improved pattern of weighing scale, or for the betterment of their clinic premises. Not one of our district clinics can be said to approach even distantly the pleasant little "Mothers and Babies' Welcome" which is now such a boon to working mothers in England, providing something almost as much appreciated as is the public house or rumshop by the fathers.

Statement C shows the expenditure under various headings at the Central Office and in the districts, with the reports of the Branch Committees. The services of the dispenser have been discontinued, and notice has been received that the Town Council will next year take over the payment of their fourth Health Visitor, hitherto paid by the League. The districts not mentioned in this statement have no local committees, and their expenses are met by the Central Office.

Tables 1, 2, and 5 are from the Registrar General's Official Reports.

Table 3 shows the proportion of still births to total births in the Colony; and in Georgetown, as given by notifications; the figures of the Registrar General for 1920 are 1763 total births, 205 stillbirths, showing that a very large proportion of the births are now notified. It would be well if the notification of Births Ordinance of 1912 could now be extended to at least the larger villages.

Table 4 shows the number of cases for which the League Nurses has been responsible in each district. Anna Regina, Ann's Grove, Den Amstel, and Mahaica have been without a nurse for varying periods, the two last for practically the whole year. A nurse was appointed to Den Amstel, but was unable to get a home, and had to be transferred to another post. At the end of the year a Committee had been reformed at Mahaica and a nurse appointed. The Bagotville—La Grange—Canal district was divided and nurses placed in Bagotville and up No. 1 Canal.

This left the League at the end of the year with 22 nurses in districts, Adelphi and No. 1 Canal having been added.

Table 7 shows the Clinic attendances in Georgetown. The League owes much gratitude to Dr. Nedd, who attended the Broad Street Clinic regularly through the greater part of the year.

After his services were discontinued, it was decided that in 1921 the Clinic should be taken by Mrs. Minett, the Municipal Health Visitors of the districts concerned attending and giving their assistance.

Attendances at the Public Hospital Clinic fell off for a time owing to the shortage of staff and difficulty of providing a Medical Officer, but that difficulty has now been met, and the Clinics are working very satisfactorily.

The work of the Health Visitors is shown in the very much higher standard, compared with that of 5 or 6 years ago, of education of the mothers. Where the rule, not the exception, for feeding used to be "bush tea," "aniseed tea," "flat o' the earth," or such like compounds, the usual feeding is now either breast or some mixture of milk and water. This is quite definitely due to the work of the Health Visitors, and although they have the advantage of a dual control, from the Municipal Department, and from the Doctors attending the Clinics, they have been able to give satisfaction to both. Opportunity might here be taken to suggest to the Municipality that four Health Visitors for a town of this size are not sufficient, and that the districts allotted to each are almost impossible to cover with any thoroughness, even were it not necessary to pay frequent visits to one child in case of sickness or other emergencies.

A part of the work done by the Health Visitors perhaps hardly receives its merited praise, that of "following up"—actually accompanying a mother to the Office of the Poor Law, or to the Hospital or dispensary, to make sure that the instructions given to her are carried out as desired, and so on. This is often tedious work, done out of hours, and not appearing in any report, but in many cases of inestimable value, and the League is glad to take the opportunity of commending it to those interested in infant welfare.

Table 8 shows the number of Clinics held, and visits paid, in districts. During July, August, September and part of October the Medical Officer, Superintendent, and Assistant Superintendent, were all visiting the Districts in turn—in November and December the Assistant Superintendent was no longer employed, the Superintendent was undergoing a course of nursing training at the Hospital, and the cost per mile of motor travel increased, so that travelling was considerably lessened.

The West Bank District is certainly the worst so far as the health of children and interest taken in health matters by the people is concerned, and as much visiting as possible has therefore been done there.

One of the greatest drawbacks to the work of the League and to infant welfare in general, is the employment of unregistered, untrained, and unsuitable women in midwifery. In spite of the law prohibiting these from practice, every village boasts several of these "Sairey Gamps" who occasionally work havoc among the confine-

ments. Often they are experienced and kindly women, but their experience is of the time when one out of every three babies was "born to die," and their kindness too often takes the form of letting their patients do, and have, anything they fancy, to the detriment of themselves and the children present and to be. Until these are strictly debarred from practice we shall have deaths and crippling and hindrance to any progress. Some prosecutions have been undertaken, which have been satisfactory, and the revision of the list of registered midwives, promised for 1921, will no doubt put out of practice some who have been carrying on under the certificates of others.

There is still much to be done by the League, ante-natal work, with its concomitant treatment of venereal disease, suitable provision for complicated cases in the country, better and wider health visiting, means of teaching the people, care of children after one year, teaching of "mothering" in the schools, and other undertakings.

The few cases quoted below may bring home to the readers of this report how heavily this country is paying for the lack of healthier conditions. ...

East Bank:—Mrs. T., 16 children, including 4 sets of twins; only 4 now alive; others did not survive beyond a few years.

Mrs. D., 9 births, 6 premature; all dead.

Mrs. B., 5 or 7 children; all died at a few months except one, he lived for 10½ months.

East Coast:—Mrs. W., 8 births; 3 premature; 1 lived 3 hours; 1 lived 11 months; 2 now alive.

Mrs. G., 12 births, all stillborn but 2, who died at 1 year.

Mrs. K., 7 births; 4 stillborn; 2 died; 1 alive (just) at 1½ months.

Corentyne Coast:—G., 9 children, all born dead. (The same "Grannie" has since superintended the birth of the 10th, it also succumbed).

West Coast:—T., 6 births; all premature and dead.

The above eight cases show a total loss of sixty-six in population. These are all cases met with in the ordinary course of visiting.

Surely no more need be said as to the need for a Baby Saving League.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Donations.	Govt. Grant for Nurses Subsidies.	Govt. Grant for General Purposes.	Other Receipts.	Total.
Georgetown ...	\$ 2 88	\$ 10 00	...	\$ 3,054 00	\$1,323 74	\$ 4,390 62
New Amsterdam ...	15 46	83 00	\$ 450 00	...	189 46	737 92
East Bank ...	12 84	...	295 00	...	...	307 84
West Bank ...	8 40	...	420 00	...	...	428 40
Buxton ...	...	...	150 00	...	...	150 00
Beterverwagting ...	4 38	...	120 00	...	48	124 86
Ann's Grove ...	...	...	85 00	...	...	85 00
Mahaica ...	3 36	...	10 00	...	...	13 36
Den Amstel ...	...	...	45 00	...	...	45 00
Plaisance ...	5 52	...	120 00	...	20 69	146 21
Christianburg ...	2 16	...	228 00	...	50 16	280 32
Kitty ...	6 00	...	120 00	...	12	126 12
Districts without Branches	...	...	1,130 00	...	...	1,130 00
	\$61 00	\$ 93 00	\$ 3,173 00	\$3,054 00	\$1,584 65	\$ 7,965 65

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance Jan. 1st 1920.	Receipts.	Revenue.	Expenditure.	Balance on Dec. 31, 1920.
Georgetown ...	\$ 507 07	\$ 3,883 55	\$ 4,390 62	\$ 4,084 54	\$ 306 08
New Amsterdam ...	291 71	737 94	1,029 65	891 50	138 15
East Bank ...	31 14	307 48	338 62	312 88	25 74
West Bank ...	2 52	428 40	430 92	420 00	10 92
Buxton ...	4 33	150 00	154 33	154 33	...
Beterverwagting ...	293 05	124 86	417 91	143 90	274 01
Ann's Grove ...	89	85 00	85 89	85 00	89
Mahaica ...	2 18	13 36	15 54	12 00	3 54
Den Amstel ...	...	45 00	45 00	45 00	...
Plaisance ...	19 54	146 21	165 75	146 25	19 50
Christianburg ...	16 63	280 32	296 95	284 00	12 95
Kitty ...	4 48	126 12	130 60	126 00	4 33
Districts without Branches ...	...	1,130 00	1,130 00	1,130 00	...
	\$11,723 54	\$ 7,458 24	\$ 8,631 78	\$ 7,835 40	\$ 796 11

Statement C.

Detailed Expenditure and Reports of Branch Committees.

GEORGETOWN.

Salaries, Medical Officer (July-Dec.)	....	\$720.00
Superintendent	.....	720.00
Asst. Superintendent (8 mos.)	.....	267.50
Lady Health Visitor, Georgetown	.....	450.00
Office Cleaner	.....	17.30
Dispenser, Broad Street	.....	75.00
Travelling	.....	829.17
Office Rent	.....	48.00
Postage, Freight etc	.....	43.16
Drugs, etc	.....	194.94
Uniform, League Nurses	.....	303.36
Printing, Stationery	.....	178.73
Grant to Christianburg	.....	48.00
Importation of Midwifery Bags and equipment	.....	139.54
Miscellaneous	.....	49.84
		<hr/>
		\$4,084.54
		<hr/>

BETERVERWAGTING.

Subsidy, Nurse Midwife	.....	\$120.00
Drugs	.....	11.17
Stationery	.....	1.73
Nurse's Bicycle, etc.,	.....	11.00
		<hr/>
		\$143.90
		<hr/>

Hon. Secretary's Report:—

Owing to a number of untoward circumstances—the absence of our President among them—we were unable to hold a Show this year. The Committee, however, maintained interest in the work, and with Mrs. Minett and the Superintendent helping our energetic Nurse at the Clinic by their advice and kindly encouragement, the branch strides forward with revived interest and much promise.

The number of sick babies attended was 63, of these 3 died.

M. RICHMOND.

CHRISTIANBURG.

Subsidy, Nurse Midwife	\$228.00
Drugs	36.16
Stationery	2.42
Equipment, Clinic, Baby Show	17.42
	<hr/>
	\$284.00
	<hr/>

Hon. Secretary's Report:—

The League in this district suffered a great loss through the departure for Berbice of the Rev. and Mrs. Cossou, who were really instrumental in forming this branch. Berbice has not been slow to recognise its gain as Mrs. Cossou was offered and has accepted a seat on the New Amsterdam Committee.

Clinics were held regularly at Christianburg, but the attendance has been much below what it should be, averaging about 3 out of a possible 17. The Clinics at Wismar have been discontinued, the room used being required by Sproston's Limited who had very kindly placed it at the disposal of the local committee.

Mrs. McAndrew spent a few days in the district during August visiting the mothers and trying to awaken interest in the League.

A. MESSERVY.

DEN AMSTEL.

Subsidy, Nurse Midwife	\$45.00
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Hon. Secretary's Report:—

The work of this branch was scarcely organised during 1920. From January to March no Clinics were held, owing to the illness of the President and Secretary, the former being in Hospital during that period. The Nurse, too, had become indifferent, and was dismissed at the end of March. Another Nurse was secured in August, but retired after two weeks on the ground of ill-health. Later in the year Nurse Smith was appointed, but found it impossible to procure a suitable residence, and never took up duty.

The members of Committee who served during 1919 were willing to continue their services, but for the above reasons no subscriptions were collected and practically no work done.

The amount contributed by the Executive was spent in subsidising the League Nurse. The work of the branch now stands suspended as no nurse can be got.

THOS. GLASGOW.

EAST BANK.

Subsidy, Nurse Midwives	\$295.00
Drugs,	8.80
Milk etc.,	9.08
	<hr/>
	\$312.88
	<hr/>

Hon. Secretary's Report:—

The Clinics at Agricola and Ruimveldt are both working well, the nurses are interested and keen, and get a large number of cases, both in maternity work and clinic attendances.

The advantage of breast feeding over "tea" was well shown in Agricola, where of three sets of twins, two were breast fed and did extremely well—the mother of the third pair was persuaded by her neighbours that she was unable to nurse the babies, both of whom died.

H. M. JOSA.

KITTY.

Subsidy, Nurse Midwife	\$120.00
Drugs	5.43
Stationery etc., .....	.84
	<hr/>
	\$126.27
	<hr/>

Hon. Secretary's Report:—

Clinics were held fortnightly, the average attendance being about 15. Mrs. H. E. Anderson's absence has been much felt, but the work has gone forward. The Nurse was replaced by one younger at the end of the year, and it is hoped she will win the confidence of the people. Several unregistered midwives practise in the village.

R. COLLIER.

NEW AMSTERDAM.

Salary, Nurse Midwife	\$468.44
Drugs	58.44
Stationery	34.28
Equipment Clinics	80.34
New Amsterdam Town Council Bonds	250.00
	<hr/>
	\$891.50
	<hr/>

Hon. Secretary's Report:—

The Annual Meeting took place in the London Theatre during April, and was well attended. We have to thank the proprietors for the free use of the theatre and films.

A sum of \$250, mainly the proceeds of our Annual Fête, was invested in Town Council Bonds, the idea being to build up a fund for use when a Crèche or other extension of the work may be possible.

The Clinic has been carried on with a fair measure of success, but once or twice during the year difficulties arose in securing the regular attendance of a Medical Officer.

Dr. E. M. Minett visited Berbice on two occasions, and her visits were of great assistance to the work. On her second visit she visited the Adelphi district and on her recommendation a nurse has been placed there.

The Baby Show took place in December, when Dr. Q. B. De Freitas and Mrs. Minett, with Nurse-Superintendent Gittens and Mrs. Nichol, acted as judges, and were favourably impressed with the condition of the babies.

F. NICHOL.

PLAISANCE.

Subs'ly, Nurse Midwife	\$120.00
Drugs	5.33
Stationery	1.30
Equipment Clinic, Baby Show etc.	19.62

\$146.25

Hon. Secretary's Report:—

Fortnightly Clinics were held during the year; our thanks are due to the Sparendam Village Council for the free use of their office for this purpose. The average attendance was 21; 22 new members joined.

Of the 108 births in the village the nurse's cases numbered 25, a good proportion considering the number of other midwives in the district. The Committee has met six times and in August was glad to welcome the League's Medical Officer, whose visits have been encouraging.

The Secretary, Mr. T. A. French, resigned in September, on leaving the Colony. During his term of office he gave good and effective service, particularly in the early days of the branch.

In March the bi-ennial Baby Show was held; 27 infants were presented. Drs. Sharples and Bissember and Miss Clapham acted as judges and expressed themselves as well pleased with the condition of the children. Mrs. Rowland kindly distributed the prizes.

S. CROPPER..

TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese	East Indian.	Chinese.	Black	Mixed.
1881-85	197	147	221	128	148	203	229
1885-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1895-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172.
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143

TABLE 3.
BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Live Births.	Still Born.	Registration Area.		City Area.	
			Live Births.	Still Born	Live Births.	Still Born.
1912	9,894	862	1,825	195	1,562	175
1913	10,515	885	1,708	182	1,632	176
1914	10,662	943	1,790	193	1,641	188
1915	9,766	837	1,570	172	1,464	168
1916	8,326	706	1,411	141	1,342	138
1917	8,933	755	1,555	144	1,461	137
1918	7,791	751	1,456	163	1,445	137
1919	7,938	658	1,555	161	1,502	136
1920	9,788	796	1,763	205	1,616	173

TABLE 4.

Cases attended by League Midwives.

Districts.	Births.	Deaths of Mothers	Deaths of Infants.	Still Births
Aurora	31	1	0	3
Agricola	61	0	2	6
Anna Regina	32	0	1	2
Ann's Grove... ..	10	0	2	2
Buxton	24	0	0	1
Bagotville	22	0	0	7
Beterverwagting	40	0	3	2
Christianburg	36	0	3	4
Den Amstel	1	0	0	0
Danielstown... ..	7	0	0	0
Good Intent... ..	21	1	0	3
Kitty	12	0	0	3
Mahaica ... ..	...	...	...	...
Mahaicony	46	0	1	5
Moruca	8	0	0	1
New Amsterdam	55	0	0	2
Pouderoyen	51	1	4	6
Plaisance	25	1	3	2
Pomeroon	11	0	0	0
Ruimveldt	62	1	3	5
Rose Hall, Corentyne... ..	12	0	1	3
Springlands	8	0	1	1
Tuschen	14	0	0	1
Victoria	26	1	2	3
Total	615	6	26	62
*City of Georgetown	150	0	1	8
Total	765	6	27	70

*Attended by the Government outdoor Midwives attached to the Public Hospital, Georgetown.

TABLE 5.

Percentage of Total Deaths in each year those dying under one year of age.

Year,	Number of Deaths.	Number of Deaths under one year,	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4

TABLE 6.

Causes of Infant deaths with number and percentage due to each cause from 1911-1919.

Cause.	1916.	1917.	1918.	1919.	1920.
Malaria	{ No. ... 287	{ No. ... 319	{ No. ... 359	{ No. ... 228	{ No. ... 200
	{ Per ct. 18.1	{ Per ct. 17.9	{ Per ct. 20.1	{ Per ct. 15.5	{ Per ct. 13.8
Diarrhoea	{ No. ... 249	{ No. ... 242	{ No. ... 63	{ No. ... 232	{ No. ... 247
& Enteritis	{ Per ct. 15.7	{ Per ct. 13.6	{ Per ct. 15.1	{ Per ct. 15.8	{ Per ct. 17.0
Syphilis	{ No. ... 29	{ No. ... 29	{ No. ... 18	{ No. ... 15	{ No. ... 24
	{ Per ct. 1.8	{ Per ct. 1.6	{ Per ct. 1.0	{ Per ct. 1.0	{ Per ct. 1.7
Bronchitis &	{ No. ... 149	{ No. ... 183	{ No. ... 120	{ No. ... 127	{ No. ... 133
Pneumonia	{ Per ct. 9.4	{ Per ct. 10.3	{ Per ct. 6.9	{ Per ct. 8.6	{ Per ct. 9.2
Premature	{ No. ... 291	{ No. ... 333	{ No. ... 303	{ No. ... 268	{ No. ... 234
Birth.	{ Per ct. 18.4	{ Per ct. 18.7	{ Per ct. 17.4	{ Per ct. 18.2	{ Per ct. 16.1
Infantile	{ No. ... 341	{ No. ... 375	{ No. ... 393	{ No. ... 338	{ No. ... 396
Debility	{ Per ct. 21.6	{ Per ct. 21.0	{ Per ct. 22.9	{ Per ct. 23.0	{ Per ct. 27.3
All other	{ No. ... 237	{ No. ... 300	{ No. ... 287	{ No. ... 261	{ No. ... 219
Causes	{ Per ct. 15	{ Per ct. 16.8	{ Per ct. 16.5	{ Per ct. 17.8	{ Per ct. 15.0
Total	1,583	1,781	1,739	1,469	1,453

TABLE 7.

Attendances, etc., at Clinics in Georgetown.

District.	Clinic at Broad Street				Clinic at Public Hospital.				Total.
	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	Jan. to Mar.	Apr. to Jun.	July to Sept.	Oct. to Dec.	
Notified Live Births ...	156	163	169	197	203	217	203	270	1,588
.. Stillbirths ...	5	4	1	4	2	6	6	6	34
1st Visits by Health Visitors ...	159	126	150	169	177	169	145	193	1,288
Total Visits Paid ...	1715	1579	1275	1494	1796	1495	1467	1551	12,372
New Cases at Clinic ...	91	74	62	48	137	72	72	100	656
Attended Clinic ...	624	501	441	251	976	681	614	574	4,662
Average Attendance at each meeting ...	24	19	17	10	37	26	22	23	178
Deaths of those attending Clinics	16	9	10	14	15	16	10	14	104



CLINICS HELD AND VISITS PAID TO DISTRICTS. —TABLE 8.

	January		February		March		April		May		June		July		August		Sept.		October		Nov.		Dec.			
	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.		
Agricola	1	0	0	0	1	1	0	1	1	3	2	2	2	2	1	3	2	4	2	2	2	1	1	0	35	
Anna Regina	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	5	
Anns Grove	2	0	2	0	2	0	2	0	2	1	1	2	0	2	0	2	0	1	2	2	2	2	1	0	29	
Aurora	2	0	0	0	2	1	1	1	1	2	1	2	0	1	2	2	2	2	2	2	2	2	1	0	8	
Bagotville	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	1	0	25	
Belfield	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	1	0	17	
Betervwagting	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	3	2	2	2	2	2	0	1	
Buxton	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	2	0	1	
Christianburg	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	2	0	1	
Danielstown	2	0	0	0	2	1	1	1	1	2	1	2	1	1	2	2	2	2	2	2	2	2	2	0	1	
Den Amstel	3	1	1	0	2	0	1	0	2	0	1	2	3	1	2	0	2	2	2	2	2	1	1	3	32	
Good Intent	2	1	1	0	2	1	2	2	1	2	2	1	2	1	2	2	2	4	3	2	2	2	2	0	28	
Kitty	2	1	1	0	2	1	2	2	1	2	2	1	2	1	2	2	2	4	3	2	2	2	2	0	3	
Mahaica	2	1	1	0	2	1	2	2	1	2	2	2	2	1	2	2	2	1	1	1	1	2	2	0	1	
Mahaicony	2	1	1	0	2	1	2	2	1	2	2	2	2	1	2	2	2	3	2	2	2	2	2	0	36	
Plaisance	1	0	1	1	2	0	2	0	1	3	2	2	1	2	2	3	2	4	2	2	2	2	2	0	1	
Pomeroon	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	52	
Pouderoyen	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Rose Hall	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Ruimveldt	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Springlands	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Moruca	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
New Amsterdam	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Tuschen	2	2	2	2	2	2	2	3	2	5	2	2	2	2	3	5	2	3	2	2	2	2	2	0	1	
Tuschen	13	5	7	4	14	10	8	10	8	9	15	13	16	16	13	17	23	18	30	19	15	17	7	14	5	319
	18	11	24	18	24	29	29	29	40	48	35	24	19	15	35	24	19	19	48	35	24	19	19	19	19	319





8¹⁴ SQH AS. 758

P. 6031

THE BABY SAVING LEAGUE

OF
BRITISH GUIANA.

THE EIGHTH ANNUAL REPORT, 1921.

Founder :

LADY EGERTON.

Patron :

HIS EXCELLENCY SIR WILFRED COLLET, K.C.M.G.

President :

Dr. A. T. OZZARD Acting Surgeon General
(January—June.)

His Worship the Mayor, The Honourable M. NASCIMENTO
(July—December).

Vice-Presidents :

Rev. R. L. MACNIE (January—April).
Dr. W. G. BOASE (April—December).
Dr. A. J. CRAIGEN (June—December).

Committee :

His Lordship BISHOP GALTON.

Rev. W. G. KIMBER.

Dr. MACQUAIDE.

„ E. P. MINETT (Government Medical
Officer of Health).

„ E. D. ROWLAND.

„ W. de W. WISHART (Medical
Officer of Health, Georgetown).

Mr. E. A. W. SAMPSON (Town Council
Nominee).

Mrs. AULD.

„ W. G. BROWN.

„ DAVIS.

„ FARRAR.

„ PARRATT.

„ T. SMELLIE.

Miss CLAPHAM (Nurse
Supt. P.H.,G.)

Hon. Treasurer :

Medical Officer :

Superintendent :

Clerical Assistant :

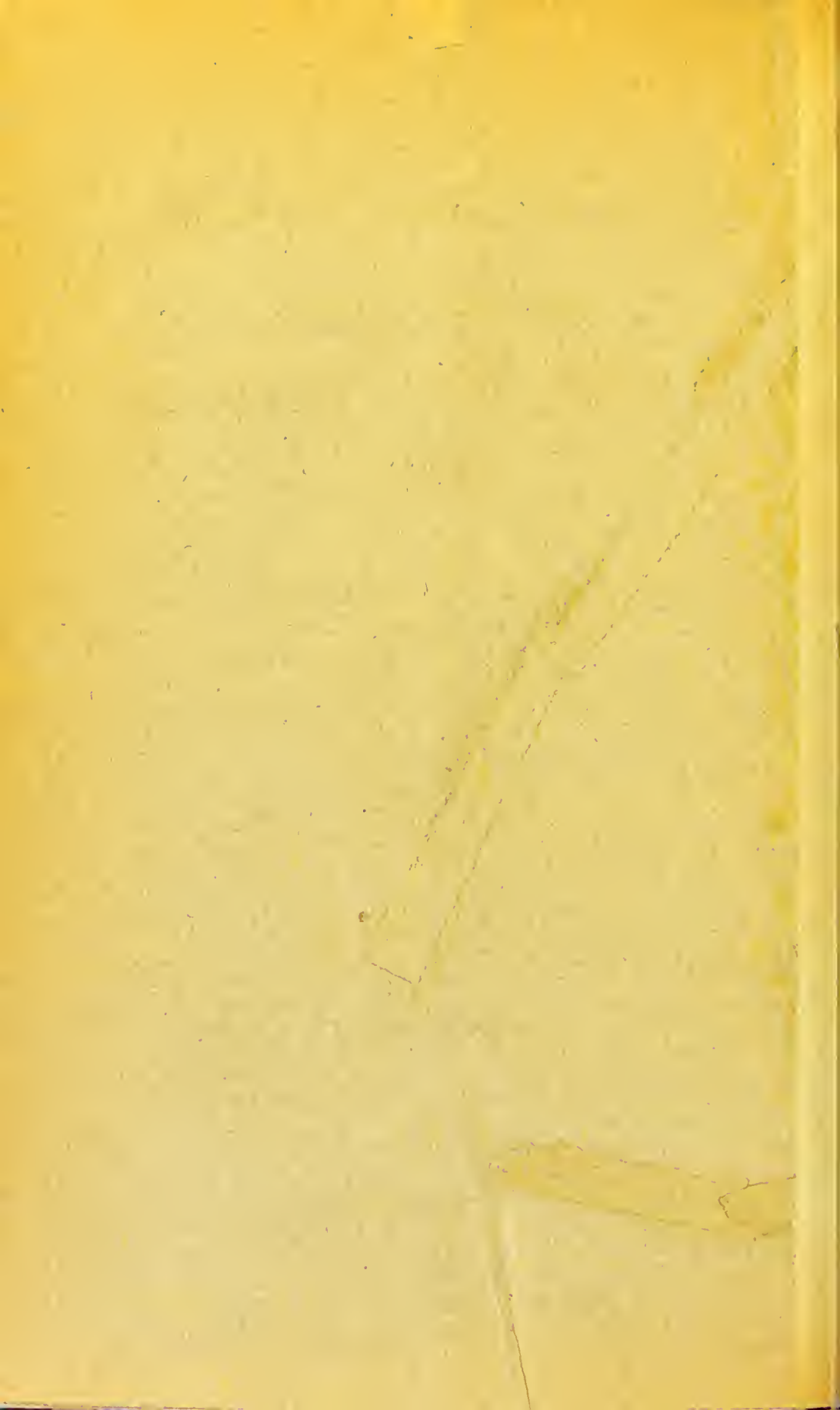
Mr. H. BAMFORD.

Mrs. MINETT, M.D., D.P.H.

Mrs. MCANDREW.

Miss LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.



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„ E. P. MINETT (Government Medical Officer of Health).	„ FARRAR.
„ E. D. ROWLAND.	„ PARRATT.
„ W. de W. WISHART (Medical Officer of Health, Georgetown).	„ T. SMELLIE.
Mr. E. A. W. SAMPSON (Town Council Nominee).	Miss CLAPHAM (Nurse Supt. P.H.,G.)

Hony. Treasurer : Mr. H. BAMFORD.

Medical Officer : Mrs. MINETT, M.D., D.P.H.

Superintendent : Mrs. McANDREW.

Clerical Assistant : Miss LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.

ANN'S GROVE BRANCH.

COMMITTEE :

Mr. W. H. Archer
,, W. C. Bobb
,, J. A. Wilson

Mrs. Dodson
,, Cromwell
,, Simon

Hon. Secretary : Mrs. P. Leander

Hon. Treasurer : Mr. C. A. Simon

PLAISANCE BRANCH.

PRESIDENT :

Miss Cropper

COMMITTEE :

Canon T. E. Quick
Mrs. A. Rego

Mrs. D. Vincent
,, Solomon

Mrs. N. Roberts

Hon. Secretary : Rev. J. B. Cropper, D.D.

Hon. Treasurer : Miss Cropper



THE EIGHTH ANNUAL REPORT

OF THE

BABY SAVING LEAGUE OF BRITISH GUIANA,

1921.

THE year 1921 has been one of steady, if not showy, progress in Infant Welfare work. Time has been devoted chiefly to systematising and consolidating the work of the nurse-midwives in the districts, to the carrying on of a Crèche in Georgetown, and to preparing for educative work by means of classes, lectures, and leaflets.

Dr. Ozzard resigned his Presidency in June, on account of ill health, since when Mr. Nascimento, Mayor of Georgetown, has held office, Dr. Boase and Dr. Craigen being Vice-Presidents in place of Mr. Nascimento and the Rev. R. L. Macnie (absent on leave).

The Superintendent, Mrs. McAndrew, was on leave during September, and a Clerical Assistant was then appointed, the office work being greatly increased, owing to more regular communication with nurses, other departments, etc.

Thanks to the Government subsidy of £1,000, a Crèche was opened in January, and, judging from the number of applicants for vacancies, has proved an unqualified success. A separate Crèche report is appended.

The Superintendent obtained the Royal Sanitary Institute certificate for Health Visitors and School Nurses, and two League Nurses (heading the pass list) the local certificate for Health Visitors, in the July and December examinations.

A course of lectures and demonstrations in Mothercraft was held for school girls in the Crèche, and two girls obtained the certificate with 75% of marks in the theoretical and practical examination held.

A set of lantern slides, showing conditions of infant welfare and health matters in general, has been prepared for lectures, and was shown towards the end of the year.

The annual meeting was held on 8th June in the Town Hall, under the patronage of His Excellency the Governor, a collection of \$83.96 for the funds of the League being taken.

We acknowledge gratefully a donation of \$10 from Mr. Taylor; of \$10.27 from the London Theatre, and of \$15.00 from "Well Wisher."

The travelling allowance being inadequate for the work as formerly carried on, clinics were held monthly instead of fortnightly, at Agricola,

Pouderoyen, Bagotville, Good Intent, Kitty, Plaisance, Beterverwagting, Ann's Grove, and Mahaica; fortnightly at Ruimveldt, and weekly at Broad Street, by the League's Medical Officer, and by the District Medical Officer at Buxton, fortnightly. The Hospital Clinic has been held weekly with a good attendance. Towards the end of the year, the Town Council prepared rooms near the Town Hall for the Clinic, the premises at Broad Street being unsatisfactory, and these will be open in the new year.

The work of the League in the town is not satisfactory, only one of the mothers being a member of the League, although many attend the Clinic, and it has been suggested, the Municipal Health Visitors being under the control of the Municipal Medical Officer of Health, that this Clinic should be taken over entirely by that Officer. This decision still remains in abeyance, but the work would prosper better with undivided control. One of the Health Visitors has been on sick leave during nine months of the year, and it has, therefore, been impossible to get the requisite amount of visiting done. Even in the town cases are taken by unregistered and incompetent midwives, and cases of neglected ophthalmia neonatorum are seen.

The most pressing need for the improvement of conditions of infancy and motherhood is the control and supervision of midwives, more especially in the country districts.

Two midwives, in West Bank and East Coast districts, have been removed from the Midwives' Register for neglect of care of ophthalmia neonatorum, another on account of age and failing sight. An attempt was made to gain information as to the number of midwives actually practising in the Colony, with a view to the issue of a revised list, but it has not been possible yet to have this done, and the number of registered midwives yet remains at over 700.

The West Indian Medical Congress, meeting in July, devoted some time to the consideration of infant welfare schemes, and the members professed themselves favourably impressed with the work carried on here. Arising out of suggestions made by them, and comparisons with the training of midwives in Dutch Guiana, a proposal for longer training of midwifery students here has been made, and is now in force. Students at the Hospital will now have two years' training and will take 20 deliveries instead of the former nine. This change is the work of the Hospital authorities, but will assist the League materially by improving the standard of midwifery.

Representations were made to the Local Government Board as to the advisability of having the Early Notification of Births' Ordinance of 1912 extended at least to those districts where League Nurses could visit, and this is under consideration.

During the latter part of the year, all Government Medical Officers were circularised, asking if they would be willing to see and treat League babies, with a membership card initialled and dated by the League Nurse, at a reduced fee, if taken to their house or office at a convenient time.

The attendance of the League's Medical Officer at Clinics having been reduced to once in four weeks, medical advice was often needed between times, and the mothers would only pay the usual fee when the baby had become seriously ill. With one exception, the District Medical Officers agreed to do this, charging a reduced fee of 60 cents (half a crown), and the League is most grateful for this concession, which it is felt will help in getting treatment for infants at the beginning of illness. In several cases, where only simple medicine was supplied, mothers have been charged only one shilling, and are correspondingly grateful, and more inclined to seek advice early.

There is great need for voluntary helpers to take up the social side of work among the mothers; if some meetings, educative in character, but with some form of entertainment attached, with lantern slides, competitions, etc., could be held in the districts, there is no doubt a great deal more interest would be taken. Much could be done also in the teaching of Mothercraft and simple infant care in the schools. Unfortunately, the lectures usually given to Pupil Teachers on Infant Care were not arranged for last year, and the capacity and staffing of the Crèche does not allow of large or frequent classes being held there.

Leaflets have been issued to mothers whose babies have reached the age of one year, when they are no longer eligible for regular clinic attendance or visiting by the League Nurse. In practice no baby is turned off at a year unless it appears normally healthy, but few mothers keep up any regular attendance.

The Medical Officer offered two medals for competition by the nurses, one for the greatest number of satisfactory cases taken by the Nurse in six months, won by Nurse Millington of Agricola; the other for the district most satisfactorily worked up, won by Nurse Westmoreland at Adelphi, Canje district. Both these nurses well deserved this reward for their work, and others came nearly up to the same standard. On the whole, the nurses have worked diligently to improve their districts, and are entering helpfully into the spirit of their work in improving the conditions of infant life. The work and payment of the unregistered midwives in all country districts, when cases are well within reach of the registered nurse, is a great drawback to our League Nurses, especially when higher fees of \$4 and \$6 are frequently paid to these women. The general public can hardly realise what mischief is done, through ignorance and negligence, to mothers and infants by some of the "grannies." One case occurred in which a young woman in labour was tied by her outstretched hands to a beam in the ceiling, in order that the baby might be encouraged to drop out.

In another case a young primipara had severe hemorrhage, and could not attract the attention of the deaf old woman who was attending her until she rolled off the bed. This case died.

The cord is usually vigorously pulled upon after the birth of the child, the superstition being that the after birth, if not pulled out, will "fly to the head" and cause lunacy. Infants' eyes are still bathed with

discharge or urine from the mother, and backs strengthened by injections of pepper.

The Medical Officer visited all the districts of the League, including the Pomeroon and Moruca, except Christianburg. More frequent visiting is much to be desired, but lack of funds stands in the way.

It will be seen from Table 7, a comparison of the cases taken in districts for the last seven years, that the total number of districts where League nurse-midwives are in residence has not increased; in 1917 there were 25, in 1919, 24, and in 1921, 24. In the early part of the year it was obvious that desire would outrun performance in the matter of visiting the nurses in their districts, and the policy of the League was therefore made one of consolidation rather than of extension. Springlands and Tuschen, where the work had been practically at a standstill, except for the regular payment of a nurse's subsidy, and which were at too great distance for supervision, were taken off, Adelphi and No. 1 Canal being put in their places. The nurse at Danielstown resigning, the new nurse was stationed at the more populous Queenstown on the advice of the District Medical Officer. Regular communication with the nurses, by visiting and by letter, has helped the work greatly, and the 24 branches of 1919 giving a total of 490 cases make a comparison with the 24 branches of 1921 giving a total of 808 cases, which we think proves the policy justified.

Where the *people themselves* desire to employ a trained nurse it is possible to succeed quickly, but this is seldom the case, although in one or two instances applications have been made for a nurse; where the villagers have no interest in the nurse, she has to make her way in face of passive, and often active, resistance and against the employment and payment of untrained women. This for a young nurse is not easy and the subsidy the League can offer does not attract the older and more experienced nurses, who have probably built up a practice for themselves. However, "it's an ill wind that blows nobody good" and the regrettable fact of some sugar estates, with hospitals closing down, has sent a few more experienced nurses to join the League and take employment.

Baby Shows were held at Beterverwagting, New Amsterdam, and Vergenoegen, the last named being by private enterprise, as the League has no district there. Some interesting information was gleaned at the last from an old centenarian, who remembered being a slave, and that the slave infants on the estates were cared for by an attendant in a special house. She herself, being delicate, was not put to field work until she was 19 and full grown. It may be mentioned that several of the estates now have a Crèche for the labourers' babies.

Competition forms, similar to those used in the large "Daily Sketch" and other large English Baby Shows, are now being used, and an attempt made to show the mothers the points that differentiate well-developed from unhealthy babies.

With the increased number of cases taken comes an increase in the amount of drugs used, in the wear and tear of bags and appliances, and in extra wear of uniforms.

The nurses have been allowed three uniforms a year, as far as funds would extend, but the sums set apart for both uniforms and drugs have been exceeded during the year. Next year it will be necessary to import a further supply of midwives' bags and accessories. It has been possible to provide each clinic this year with a proper weighing scale, a great improvement.

The League was offered a rent-free office in the office of the Government Medical Officer of Health, Victoria Law Courts, which was very gratefully accepted.

Statement A shows receipts in each district; members' subscriptions, at one shilling each, do not show a very big total, and membership in most districts varies directly as the number of entertainments, etc., provided.

Statement B shows that no branch has more than a very small margin of balance, money having been used for the purchase of scales, etc. Beterverwaging has now a bright little room for the purpose of the Clinic only, and is to be congratulated upon its possession.

Statement C shows expenditure under various headings. Travelling, owing to increased cost of car hire, is very cramped, and the Committee may have to consider adopting the methods of other travelling departments in either acquiring a car or allowancing the Medical Officer's car.

Tables I II and III are from the Registrar General's figures.

Table IV shows an encouraging increase in the number of cases attended by the nurses; but, of the 24 districts, however, only eight show an average of over three cases per month, or 36 for the year. That would not seem to be an unreasonable ideal, and it is to be hoped that the appreciation of the services of a trained nurse will rise to this level next year. Danielstown, Den Amstel, and Moruca were not working the whole year, and a nurse has been in Queenstown for only one month.

It must be remembered that in most cases where deaths of mothers have occurred the nurse has been called only *in extremis* and often only when the case has been ordered to hospital, and has refused to go. The still-birth rate is still extremely high. Very many of these still-births and early infant deaths are undoubtedly due to venereal disease, and it is earnestly hoped some treatment centres may be arranged for next year.

Tables V and VI are from vital statistics.

Table VII shows the slow but sure progress in the spread of trained midwifery, and *Table VIII* gives the number of clinics held, and visits paid to country branches.

Appended are specimens of the leaflets issued to mothers of one year old children, and of the certificates given by the League for babies attaining the first class standard, though possibly not prize-winners, at Baby Shows, and for Mothercraft.

REPORT ON CRECHE, 1921.

A Creche was opened on January 22nd in premises—an ordinary dwelling house with some room partitions removed—at the corner of Princes and Lyng Streets, and has remained in these premises throughout the year, although in the last months, repairs required not having been carried out, the house had become unsuitable, and new premises were being sought:

HOURS.—The Creche is opened at 5.30 a.m., and closed at 10 p.m. These long hours were necessary, the mothers in domestic service being unable to bring or take away their children except before and after their working hours. Creches in England, chiefly for the benefit of workers in shops or factories, are open usually not longer than from 6.30 a.m. to 8 p.m. The long hours here necessitated the staff being worked in “shifts” of half-day time, the morning shift being from 5.30 to 1.30; the afternoon from 1.30 to 10. The cook and the washer worked from 6 a.m. to 6 p.m., with meal time off. These hours necessitated an apparently large staff in proportion to the number of children.

STAFF.—A matron, assistant matron, two nurses, cook and washer were appointed. The matron was in charge of the babies, the nurse of the “toddlers.” The staff has worked steadily and enthusiastically, few changes having been necessary. Four of the staff have worked from the opening day.

PAY.—Matron, \$40; assistant matron, \$30; nurses, \$20 each; cook, \$10; washer, \$10 per month, with morning and afternoon tea provided in the Creche. The funds did not allow of uniforms being given.

RULES.—Rules have not been made definitely as yet, but evolved gradually during the working of the Creche.

Children are not admitted under three months, or over five years of age. They must be in the Creche before 7 a.m. (on wet mornings, 7.30 a.m.), and must be called for before 10 p.m. No children can be kept for the night. No room is to be left with children in it without either nurse or matron.

Every child is to be bathed in the Creche. (There has never been much objection to this rule, as there often is in England.)

In general, any instructions given by the matron to the mothers as to cleanliness (on very few occasions children have been found verminous) and as

to home feeding must be carried out under penalty of discharge from the Creche. Children who have been recommended to Hospital, and who are removed from it against the doctor's advice, are not re-admitted to the Creche, and, except in cases of stay in Hospital, the places of children absent for more than one week are not kept open for them.

The rule most difficult to keep is that mothers are to be in regular work before children can be admitted—a rule framed to prevent taking their responsibilities off the street walker class, and ensuring that only mothers earnestly trying to support their children should benefit. To adhere strictly to this rule would require a visiting enquirer attached to the Creche, but if a mother is not in work, we usually hear of it through the other mothers, and refuse, except under special circumstances, to take her child until she finds work. At the end of December every mother was working.

NUMBERS.—From one child on the opening day, the attendance has risen to 28, in the proportion of 12 infants to 14 “toddlers.” A total of 66 children have attended. Five children attended on one day only; 2 on 2; in all, 8, for under one week. Two children have made over 325 out of 344 possible attendances. In all, from 22nd January to 31st December, 7,401 attendances of children have been made, a steady rise in numbers and regularity being shown by the months' totals—March, 450; June, 630; September, 669; December, 744.

A long list is now waiting for vacancies, and we have several times each week to refuse children, on account of lack of funds and space.

COST.—The financial statement is included, but a few points might be mentioned. The “overhead” expenses of staff, rent, light, etc., would remain about the same if more children were admitted, but food, fuel and equipment rise in proportion to numbers, and are at present stretched to “full load.” Including staff, who receive a daily allowance of bread, sugar, tea and milk, equal to the cost of a baby's daily allowance, the cost for attendance works out at a little over 44 cents per head per day, which compares not unfavourably with the 1/6 cost in England a few years back.

The Creche here has been in the nature of an experiment, twice before Creches having been opened, and forced to close for want of support. This time, with Government aid, it has been possible to prove that such work is successful.

The question of payment by the mothers has been raised, but so far it has been decided to let the attendance be gratuitous. Mothers as yet do not realise that regular and suitable feeding, teaching of regular habits, combined play, etc., is better for their children than leaving them to the care of some old relative or friend, or shut up at home, and until they *do* realise these benefits, the enforcement of payment to the Creche would only result in the children being left at home, or attending only when the mothers were in funds and felt like paying. Probably the children most needing care would be those whom we should never see.

HEALTH.—Three children were received at the Creche in a very bad condition of health, one, a motherless babe of 3 weeks, weighing $4\frac{3}{4}$ lbs; one, a child of 12 months, weighing 8 lbs.; one of 8 months, weighing 8 lbs. These three were all sent on to Hospital, and died. Such children are quite unable to deal with good food, after their long period of starvation. The tiny baby was brought in great distress by the father, and taken in, against the rule of admitting no child under 3 months, in hope that we might be able to save it, but without proper night care we could do nothing, and even when sent into hospital and receiving the treatment of a premature infant, its vitality was not sufficient to pull it through.

A fourth child died from broncho-pneumonia, and we heard of the death of a fifth, one who had been in the Creche some months, and was regarded as an example of a good 6 months' baby of normal weight and development. The mother removed him, and some months later we heard of his death. A child of 12 months, weight 11 lbs., whom he far out-distanced during the time he was in the Creche, attended regularly, and now is in good condition.

Five children have been in Hospital for varying times and varying ailments, and have returned much improved. The Hospital authorities have been exceedingly good in taking in Creche babies at once, and in letting us have reports of their progress, and the mothers have in many cases lost their fears that "hospital" is synonymous with "cutting up."

Regular weighing of the children has been carried out for the latter part of the year, but the results are disappointing, taking the weight-increase of European babies as a standard. Practically *no* baby on admission has been near the normal weight as we take it, about $6\frac{1}{2}$ to $7\frac{1}{2}$ lbs. at birth, doubled at 5–6 months, and trebled

at the end of the first year, increasing to about 27 lbs. at 2 years, and 32 lbs. at 3 years.

The increase in vitality, in development of teeth, talking and walking powers, has been most marked, but the weight standard has certainly not given satisfactory results, and there is room for much research in the why and wherefore of this. Very few reports on such statistics amongst negro and East Indian children are get-at-able, and a report published on the condition of children in the German East African colonies, stating that "*not one* native child is thoroughly healthy" may not be dependable, although the experience of lassitude, lack of appetite, rises of temperature, vomiting, passage of worms, unhealthy stools, unhealthy skins, sudden swellings with no apparent cause, which we have had, points to a very low rate of resistance to disease amongst these children.

Dr. Anderson, of the Filaria Commission, was kind enough to examine the blood of the mothers and children in the Creche. Several mothers, but only one child, were found to be infected. Curiously enough, that child is one of the healthiest in the Creche and has made the highest number of attendances (332). If the children are unwell, the mothers often keep them at home, dosing them, in spite of our strenuous advice, with all sorts of medicines and "bush" mixtures.

No epidemics have taken place. Many of the children have suffered from septic spots and boils, contagious chiefly on close contact at home (members of one family), and not apparently so at the Creche. Several children were sent to Hospital for treatment, but the cause appeared to be chiefly malnutrition and slight resistance to infection, as no special treatment appeared to be of more value than cleanliness, regular suitable feeding, and prevention of auto-inoculation by scratching.

DIET.—Every child received, except one breast-fed baby, has been unsuitably fed at home. Coffee, "bush," tomatoes, and bananas, are among the articles of diet recovered from the stools of young infants. It is gradually being impressed upon the mothers that milk for babies and regular diet of "toddlers" is sufficient without these additions.

A definite meal list has been adhered to, the babies getting milk in quantities suitable to age and weight, with egg albumen, fruit juice, and thickening with plantain flour or arrow-root; the toddlers cocoa, bread, soup, stewed beef, brain and shrimps, with green vegetables and yam, eddoe, potato and milk puddings.

It is often apparent that the bigger children have been accustomed to large quantities of starchy food, as some would eat not only their own allowance but as much more as might be given, till they are at the last stage of distention and torpidity. Probably many of these children have only one real meal a day, on which they are expected to stuff themselves as full as possible.

Incidentally, table manners have been taught and one mother was bitterly reproachful because her son, aged 2, refused at home to eat from a plate off the floor, but demanded what he was used to at the Creche, table, chair, and spoon to himself!

Gradually, in accordance with the weight chart showing, a greater proportion of proteid has been given in the diet, and we are awaiting results. So far this appears to have made definite difference to the rate of increase and to point to the conclusion reached by most observers that the home diet of the West Indian and the East Indian consists far too largely of starch. This, of course, adds to the expenses of dieting, and is met by opposition from those members of the community, who consider rice, peas, and cornstarch ample diet for small children, eggs, fish, or meat simply expensive luxuries, and milk unmixed with water quite unnecessary.

EDUCATIVE.—Under this heading we can show little more than effort. Opportunities are always taken to tell the mothers any points about the health of their children, or any general suggestions as to improvement, but our motto has had to be "go slow," as at first mothers resented any advice, accused us of starving their infants, because milk and no solid food was given to toothless members of the community, and if objection were persisted in to the home diet of tomato, salt fish, etc. The children were simply withdrawn, and lost the benefit we had been able to give them. Now, to regular attendants we are able to give advice which is often valued, and some of the mothers are conscious that we have saved their children from illness.

Good training could be given to young women who wished to become trained children's nurses, but none have come forward, training without payment given being somewhat at a discount as yet. and we cannot afford to pay nurses for benefits which they would receive.

A series of lectures and practical demonstrations on "mothercraft" on the lines of the English classes have been given to girls from Albuoystown Scots' School, and two passed the examination and received the

certificate given by the Baby Saving League in this subject.

These lectures are being continued by the Medical Officer and the Assistant Matron.

An entertainment was held for the mothers, lantern slides showing various phases of infant welfare work in the Colony being shown. All the mothers attended, and the opportunity was taken to give a little advice to each mother on her child's health.

A Christmas tree was also given for the children, the mothers also receiving a small present, and again suggestions were made to the mothers about the special needs of their children. The Christmas tree and presents were paid for by subscriptions given by interested friends.

During the year, subscriptions amounting to fifty dollars for specific purposes were received from foreign sources. This amount has been expended for the purposes directed by the donors.

Baby Saving League Creche Financial Statement.

1921.

January 1st.	To Government vote	...	...	\$ 4,800 00
	„ Cash on hand	...	...	40 50
	„ Interest on Savings Bank Account	...	...	3 09
August 1st.	„ Subscription Georgetown Football Club	...	...	60 00
				\$ 4,903 59

Amounts Expended—

By Rent	...	...	\$ 374 44		
„ Wages	...	...	1,483 23		
„ Fuel and Light	...	...	85 33		
„ Washing and Sanitary...	...	...	57 82		
Miscellaneous	...	...	76 74		
Diet	...	...	1,752 97	(\$934 09 for milk)	
Equipment	...	...	525 52		4,356 05
Balance	...	...	...		\$ 547 54

(Signed) SARA W. DAVIS,
Secretary, Creche Committee.

I hereby certify that the above statement is correct. I have checked the accounts and payments monthly, and the balance on hand at 31st December, 1921, is as stated \$547.54.

(Signed) HARRY BAMFORD,
Hon. Treasurer,
Baby Saving League.

20th January, 1922.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Dona- tions,	Govt. Grant for Midwifes.	Govt. Grant for General Purposes.	Other Receipts.	Total.
Georgetown ...	\$ 2 68	\$119 23	...	\$ 4,165 40	\$ 74 02	\$ 4,361 33
New Amsterdam	22 38	58 70	\$ 450 00	...	182 59	713 67
Ann's Grove ...	5 28	...	150 00	...	...	155 28
Beterverwagting	1 92	20 72	150 00	...	1 45	174 09
Buxton ...	72	...	150 00	...	...	150 72
Christianburg ...	...	...	187 75	...	8 24	195 99
Den Amstel ...	1 20	...	58 75	...	...	59 95
East Bank ...	6 24	...	300 00	...	...	306 24
Kitty ...	4 56	...	150 00	...	04	154 60
Mahaica ...	3 84	...	150 00	...	...	153 84
Plaisance ...	3 12	3 40	145 00	...	58	152 10
West Bank ...	3 36	...	587 50	...	...	590 86
Districts without Branches	...	...	1,059 60	...	...	1,059 60
	\$55 30	\$202 05	\$ 3,538 60	\$4,165 40	\$ 266 92	\$ 8,228 27

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance Jan. 1st 1921.	Receipts.	Revenue.	Expen- diture.	Balance on Jan. 1st 1922.
Georgetown ...	\$ 306 08	\$ 4,361 33	\$ 4,667 41	\$ 4,257 54	\$ 409 87
New Amsterdam..	138 15	713 67	851 82	628 65	223 17
Ann's Grove ...	89	155 28	156 17	150 00	6 17
Beterverwagting	293 05	174 09	467 14	317 08	150 06
Buxton ..	...	150 72	150 72	150 00	72
Christianburg ...	12 95	195 99	208 94	196 08	12 86
Den Amstel ...	...	59 95	59 95	58 75	1 20
East Bank...	25 74	306 24	331 98	312 92	19 06
Kitty ...	4 33	154 60	158 93	156 93	2 00
Mahaica ...	54	153 84	154 38	153 42	96
Plaisance ...	19 50	152 10	171 60	154 68	16 92
West Bank ...	10 92	590 86	601 78	596 90	4 88
Districts without Branches	...	1,059 60	1,059 60	1,059 60	
	\$ 812 15	\$ 8,228 27	\$ 9,040 42	\$ 8,192 55	\$ 847 87

Statement C.

Detailed Expenditure and Reports of Branch Committees.

GEORGETOWN.

Salaries, Medical Officer	...	...	...	\$ 1,440 00
Superintendent	...	...	...	725 00
Clerical Assistant	...	...	...	156 13
Travelling	...	...	...	753 27
Office Rent	...	...	...	36 00
Postage, Freight, etc.	...	...	...	46 06
Drugs, etc.	...	...	...	273 36
Uniform, League Nurses	...	...	...	391 89
Printing, Stationery ...	...	...	...	216 21
Grant to Christianburg	...	...	...	28 00
Importation of Scales, etc.,	...	...	...	108 22
Miscellaneous	..	...	...	83 40
				<hr/>
				\$ 4,257 54
				<hr/>

BETERVERWAGTING

Subsidy, Nurse Midwife	...	...	\$150.00
Drugs	...	...	12.57
Stationery	...	...	72
Equipment Clinic (Weighing machine, remodelling and painting of room)	...	...	133.07
Baby Show, prizes, etc.	...	...	20.72
			<hr/>
			\$317.08
			<hr/>

Hon. Secretary's Report:—

This branch of the League continues to do very good work. There are 31 babies on roll. Two were lost by death during the year. The mothers look very eagerly to the monthly visit paid by the Medical Officer and turn out in good numbers.

During the year the League succeeded in fixing up its own clinic. The Annual Show was held in March last year when 18 prizes and several certificates were distributed.

M. RICHMOND.

CHRISTIANBURG

Subsidy, Nurse Midwife	...	...	\$187.75
Drugs	...	...	7.99
Stationery	...	..	34
			<hr/>
			\$196.08
			<hr/>

It has not been possible to visit this district this year but Nurse's case returns are good.

DEN AMSTEL

Subsidy, Nurse Midwife	...	...	\$58.75
Hon. Secretary's Report :—			

The Den Amstel branch of the Baby Saving League was unfortunate in not keeping its nurses long, because midwifery cases were given to "grannies" only, and, therefore, the small stipends of the League nurses could not be augmented. Hibernation, therefore, set in for a long while.

Our appeal to the Medical Officer of the League resulted in the resuscitation of the Den Amstel branch on 3rd August, 1921, when the President, the Rev. T. B. Glasgow and the Secretary, Mrs. Glasgow obtained leave of absence.

The Committee helped well, and were fairly regular at meetings, which, during the latter part of the year, could not be held owing to the unpropitious state of the weather. The Rev. W. A. Deane, Vice-President, and Mr. J. W. Jackson, Assistant Secretary, acted as President and Secretary respectively from 3rd August.

Dr. J. B. Singh, G.M.O., must be eulogised for his activities in connection with the clinics.

Windsor Forest clinic of the Den Amstel branch was resuscitated in September through Dr. Singh and the acting President. It was four times as large as the mother clinic. Nurse Jaundoo had begun well, but resigned. Nurse Douglas, her successor, started well; it is to be hoped she will continue. The branch having had some vicissitudes, membership fees were not pressed for before the end of the year, but 47 members are in attendance, and the fees will be collected, only 5 having fully paid as yet.

W. A. DEANE.

EAST BANK.

Subsidy, Nurse-midwives	...	...	\$300.00
Stationery	...	...	24
Equipment Clinics, Scales, etc.	...	...	9.26
Milk, etc.	...	...	3.42
			<hr/>
			\$312.92
			<hr/>

Mrs. Josa has been assiduous in her attendance at the Agricola Clinic, and we regret very much that she is going on leave shortly. This branch always has excellent case returns, the unregistered midwives having been almost entirely cleared out by the united action of Dr. Wise and Dr. Ferguson. The qualified nurses get a large proportion of the total births in the districts, and the Estate Manager at Ruimveldt has been most kind in allowing Nurse to have help from the Dispensary when babies required it.

KITTY.

Subsidy, Nurse-Midwife	...	...	\$150.00
Drugs	...	...	25
Stationery	...	...	28
Equipment Clinic, Scales, etc.	...	...	6.40
			<hr/>
			\$156.93
			<hr/>

The Clinic has been held on Fridays, 4 weekly by Mrs. Minett, and on the alternate fortnights, by Nurse. Miss Collier has attended regularly, and the Clinics keep up a good attendance, Nurse's cases are improving, but several unregistered midwives are known to be in practice in the village.

MAHAICA.

Subsidy, Nurse Midwife	...	...	\$150.00
Stationery	...	...	42
Equipment Clinic	...	...	3.00
			<hr/>
			\$153.42
			<hr/>

For the greater part of the year the Clinic was held monthly at Mrs. George's house. The travelling then had to be cut down, and it was decided the Clinic would have to be discontinued, and that the Medical Officer should visit quarterly. It is hoped that Dr. Frendo may take the clinic when settled in the district.

Cases taken by the nurse are increasing, and the people are slowly coming to appreciate the benefit of trained attendance in confinements, but support has been lacking from the better classes and the Committee has discontinued its assistance.

NEW AMSTERDAM

Subsidy, Nurse Midwife	...	...	\$454.00
Stationery	...	...	14.60
Equipment Clinics	...	...	62.77
Etc.	...	..	97.28
			<hr/>
			\$628.65
			<hr/>

Honorary Secretary's Report :—

A number of changes was made in the personnel of the Committee during the year. Rev. Frank Nichol went on leave of absence, and the Rev. M. A. Cossou filled his place as Secretary. The valuable services of the Vice-President, Mrs. W. H. Parratt, were lost owing to her change of residence to Georgetown. It is pleasing to note that she is on the Executive Committee there, and a minute containing the Committee's appreciation of her services to the New Amsterdam branch has

been placed on record. We were fortunate in securing as her successor Mrs A. E. Jones.

Dr. De Freitas is at present away, and Mrs. McLeod had to resign—due also to a change of district.

The Annual Fête was held in the London Electric Theatre on the 9th May. His Worship the Mayor, Mr. John O. Dow, presided.

The Baby Show, held on the 24th November, was a success. The Committee is greatly indebted to Mrs Minett, Dr. L. R. Sharples and Dr. Robertson for acting as judges. During the year, the Medical Officer of the League, Mrs. Minett, paid a few visits, and the branch has had the benefit of her capable advice and supervision.

The New Amsterdam Committee has the oversight of the nurses at Port Mourant and Adelphi. Mrs. Townsend kindly superintends the former, and Mrs. James Smith the latter.

Nurse Westmoreland did excellent work during the past year, at Adelphi, and as a result, has been awarded a medal.

Nurse Smith has been discharging her duties satisfactorily.

Prejudice against the League is dying out, and gradually the community is beginning to realise its usefulness as an important factor in the saving of the lives of the babies.

M. A. COSSOU.

PLAISANCE

Subsidy, Nurse Midwife	...	...	\$145.00
Stationery	...	...	66
Equipment Clinics	...	...	9.02
			<hr/>
			\$154.68
			<hr/>

The work has gone on steadily throughout the year, and we have held our ground. Fortnightly clinics were conducted regularly with a fair attendance of members. We have appreciated the monthly visits of the Medical Officer, as well as such visitation among the mothers as Mrs. Minett found it possible to make.

Prejudice dies hard, and the League Nurse is not yet being as freely accepted as we think she should be after five years' work in the district. We are pleased, however, to note that the percentage of her cases in 1921 was greater than that of the previous year; there having been 111 births, 30 of which were attended by the League Nurse.

In October we purchased a baby scale, which conduces largely to the comfort of the infants. Many of them objected strongly and "loudly" to the old method of suspension. Part of the payment money was subscribed for by friends and well wishers of the League.

In November Nurse Pilgrim went on leave, and Nurse Barker was given the acting appointment.

S. Cropper,

WEST BANK

Subsidies, Nurse Midwives	...	...	\$587.50
Drugs	...	...	2.56
Equipment Clinic	...	...	24
Sundries	...	...	6.60
			<hr/>
			\$596.90
			<hr/>

This branch has had no Committee for the year, and is much in need of some voluntary workers, who would get up some baby show or entertainment for the mothers, who feel that membership of the League should provide a little pleasure occasionally. An annual fete or baby show such as is held by the more energetic branches at Beterverwagting, New Amsterdam and Plaisance, does much to cement together the members and well wishers of the League, but it is difficult for the Medical Officer or Superintendent to arrange such things without help from the districts themselves

TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese	East Indian.	Chinese.	Black	Mixed.
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	215	168

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247

TABLE 3.
BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Live Births.	Still Born.	Registration Area.		City Area.	
			Live Births.	Still Born	Live Births.	Still Born.
1912 ...	9,894	862	1,825	195	1,562	175
1913 ...	10,515	885	1,708	182	1,632	176
1914 ...	10,662	943	1,790	193	1,641	188
1915 ...	9,766	837	1,570	172	1,464	168
1916 ...	8,326	706	1,411	141	1,342	138
1917 ...	8,933	755	1,555	144	1,461	137
1918 ...	7,791	751	1,456	163	1,445	137
1919 ...	7,938	658	1,555	161	1,502	136
1920 ...	9,788	796	1,763	205	1,616	173
1921 ...	10,287	892	1,817	228		

TABLE 4.

Cases attended by League Midwives.

Districts.	Births.	Deaths of Mothers	Deaths of Infants.	Still Births.
Adelphi	55	0	3	7
Agricola	74	1	0	7
Ann's Grove... ..	57	0	6	3
Aurora	32	1	0	4
Bagotville	35	0	0	2
Belfield	35	0	1	1
Beterverwagting	45	1	3	4
Buxton	29	0	0	1
Canal No. 1,	22	2	2	4
Christianburg	31	0	0	2
Danielstown	7	1	0	0
Den Amstel	7	0	0	0
Good Intent	32	1	3	5
Kitty	18	0	2	1
Mahaica	15	1	1	2
Mahaicony	61	3	5	5
Moruca	4	0	0	0
New Amsterdam	59	1	1	5
Plaisance	30	0	2	2
Pomeroon	15	0	0	0
Pouderoyen	60	3	0	5
Queenstown	1	0	0	0
Rose Hall	12	2	0	3
Ruinveldt	72	1	1	7
Total	808	18	30	70
*City of Georgetown	204	1	5	7
Total	1,012	19	35	77

*Attended by the Government outdoor Midwives attached to the Public Hospital, Georgetown.

TABLE 5.

Percentage of Total Deaths in each year those dying under one year of age.

Year,	Number of Deaths.	Number of Deaths under one year.	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8

TABLE 6.

Causes of Infant deaths with number and percentage due to each cause from 1917-1921.

Cause.		1917.	1918.	1919.	1920.	1921
Malaria	{ No. ...	319	350	228	200	301
	{ Per ct.	17.9	20.1	15.5	13.8	15.0
Diarrhoea & Enteritis	{ No. ...	242	63	232	247	324
	{ Per ct.	13.6	15.1	15.8	17.0	16.2
Syphilis	{ No. ...	29	18	15	24	47
	{ Per ct.	1.6	1.0	1.0	1.7	2.3
Bronchitis & Pneumonia	{ No. ...	183	120	127	133	233
	{ Per ct.	10.3	6.9	8.6	9.2	11.6
Premature Birth.	{ No. ...	333	303	268	234	338
	{ Per ct.	18.7	17.4	18.2	16.1	16.9
Infantile Debility	{ No. ...	375	393	338	396	451
	{ Per ct.	21.0	22.9	23.0	27.3	22.7
All other Causes	{ No. ...	300	287	261	219	305
	{ Per ct.	16.8	16.5	17.8	15.0	15.2
Total	...	1,781	1,739	1,469	1,453	2002

TABLE 7.

Nurses Cases, 1915—1921.

DISTRICTS.	1915	1916	1917	1918	1919	1920	1921
1. Adelphi ...	...	...	...	...	...	...	55
2. Agricola ...	50	52	63	56	5	61	74
3. Ann's Grove ...	...	18	3	6	...	10	57
4. Anna Regina ...	...	25	79	59	3 ⁴	32	Trans- ferred to Estate Hospital
5. Aurora ...	...	6	27	21	20	31	32
6. Bagotville ...	...	15	15	15	16	22	35
7. Belfield ...	...	...	32	27	29	26	35
8. Beterverwagting ...	...	5	37	31	40	40	45
9. Buxton ...	23	31	45	24	23	24	29
10. Canal No. 1 ...	...	...	...	...	...	...	22
11. Christianburg ...	...	...	30	26	18	36	31
12. Danielstown ...	...	...	...	5	9	7	7
13. Den Amstel ...	...	1	1	4	5	1	7
14. Good Intent ...	49	34	39	45	21	21	32
15. Kitty ...	...	...	...	5	5	12	18
16. Leguan ...	...	...	8	2	...	...	...
17. Mahaica ...	...	...	27	16	6	...	15
18. Mahaicony ...	...	...	76	35	25	46	61
19. Moruco ...	...	...	10	10	8	8	4
20. New Amsterdam ...	56	44	33	32	44	55	59
21. Plaisance ...	...	2	14	11	18	25	30
22. Pomeroun ...	...	...	14	6	11	11	15
23. Pouderoyen ...	29	60	37	53	41	51	60
24. Queenstown ...	...	...	...	...	...	...	1
25. Rose Hall ...	...	8	8	9	2	12	12
26. Ruimveldt ...	56	53	43	45	36	62	72
27. Springlands ...	...	...	12	8	6	8	..
28. Stewartville ...	...	3	3	...	...	...	...
29. Tuschen ...	...	...	1	12	14	14	...
* Georgetown ...	263 204	357 171	657 164	563 138	490 173	615 150	808 204
	467	528	821	701	663	765	1012

*Attended by the Government outdoor midwives attached to the Public Hospital.
Georgetown..

CLINICS HELD AND VISITS PAID TO DISTRICTS.—TABLE 8.

	January		February		March		April		May		June		July		August		Sept.		October		Nov.		Dec.		Total No. of Cl.
	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	
Adelphi	2	0	2	0	2	0	2	0	3	0	2	0	1	1	2	0	2	0	2	0	1	0	1	0	2
Agricola	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26
Ann's Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
Aurora	1	0	1	1	2	0	2	0	3	1	1	0	2	0	2	0	2	0	2	0	2	0	2	0	1
Bagotville	1	0	1	0	2	0	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	22
Belfield	1	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	12
Beterwagting	4	4	4	4	5	5	4	4	4	4	5	5	4	4	5	5	3	3	4	4	5	5	3	3	50
Broad Street	2	0	1	0	3	0	1	1	2	0	2	0	2	0	3	0	2	0	2	0	2	0	2	0	25
Buxton	2	0	1	0	3	0	1	1	2	0	2	0	2	0	3	0	2	0	2	0	2	0	2	0	25
Canal No. 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Christianburg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0
Danielstown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0
Den Amstel	1	0	1	1	1	0	1	0	2	2	0	1	0	2	0	1	1	2	1	2	0	2	0	1	9
Good Intent	1	0	2	0	2	0	2	0	2	0	1	0	2	0	1	0	2	0	1	0	1	0	1	0	15
Kitty	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
Mahaica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Mahaicony	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Moruca	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
New Amsterdam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Plaisance	1	0	1	0	2	0	1	0	1	1	1	0	1	0	1	0	1	0	1	1	1	0	1	0	15
Pomeroon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Pouderoyen	1	0	2	0	3	0	1	0	1	0	2	0	2	0	3	0	2	0	1	0	1	0	1	0	21
Rose Hall	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Rumveldt	2	0	2	0	3	0	2	0	1	0	2	0	2	0	3	0	1	0	2	1	2	0	2	0	25
Windsor Forest..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	18	3	19	5	27	2	19	3	21	6	19	3	21	6	27	2	22	8	21	4	22	6	14	2	300
	21	24	29	22	27	22	27	29	27	29	30	29	27	29	30	29	30	29	25	28	16	16	16	16	300

TO LEAGUE MOTHERS.

Your baby is now over 1 year old, and the Baby Saving League Nurse is able to visit only those babies who are under a year; she will therefore not visit you regularly now. Should you wish her advice at any time about your child, you can call her when she is visiting near you. The League cannot see babies over 1 year at the Clinics regularly, but if you want any special advice, Nurse will ask the League Doctor to see you specially at the Clinic but no medicines can be given.

The League is anxious that your baby should grow up healthy and strong, and is issuing these simple directions to help you. A healthy child is very little trouble, and many of the children in the Colony die because the mothers do not know what to do for them to keep them well; and by the time they are ill and need a doctor, it may be too late ever to get them well again.

FEEDING.

A child over a year, though out of babyhood, still needs milk and milky food chiefly. Plantain flour mixed into a pap with milk is the best and cheapest milky food, but oatflake, sago, and bread, well cooked with milk are all suitable. Cornmeal is rather rough, and rice needs to be very well boiled for little children to digest. No leaves or weeds or any sort of "bush" is good for a little child—they are foods for goats and cattle, not for human beings. Soup, made from fish, fresh meat, or chicken is good sometimes. Don't give "salt food" to tiny children. A fresh egg occasionally is very good, boiled, or poached, or made into custard. Eddoe or yam mashed well with a little butter is wholesome as a change. Fruit is good, if it is ripe and clean. Children suffer a great deal from worms if they eat fruit that is dusty or muddy from lying on the ground: or if they drink water that is not boiled.

It is very important to give children food at regular times, and this makes their digestions much better than if they have irregular meal times. Try to make the children chew food thoroughly, and keep their teeth clean, and free from decay, which pains them and prevents their chewing comfortably.

SLEEP.

Children up to 4 or 5 years old need an hour or two's sleep in the day, as well as a good long night. Children under 5 years old should be in bed before dark, and sleep in a quiet room with plenty of open windows and fresh air.

HABITS.

Try to teach your children a regular daily habit of having the bowels open, and of passing urine every few hours. Habit has a

great deal to do with constipation ; if a child goes to the W.C. regularly it will need much less medicine than if it only goes when it thinks of it. Try to send a child at the same hour every morning.

CLOTHING.

Little children get hot running about ; protect their heads from the sun in the day time, and if they perspire very much, dry them with a towel and slip on a fresh garment.

If a child gets cold, with coughing and running at the nose very often, make little vests of some woollen material, loose and not too thick for it to wear. Do not use very thick flannel ; that will be too hot, and shrinks very much in washing.

ACCIDENT OR ILLNESS.

"Fever" is common here, but may not always be Malaria. If a child has ague or convulsion with fever, take it to a doctor at once, medicine quickly may save its life.

If a child is only rather hot, sponge it quickly over the body, with water and Bay Rum, vinegar or high wine, and keep it quiet with a light blanket or cover over it. Constipation is a very common cause of fever ; if the bowels have not been open for a day or two, give one dose of castor oil ; then give a teaspoonful of sweet oil (olive oil) every morning for a week or two after. Castor oil is not good for continued constipation, as it is binding after its first action.

It is a good preventive of fever to give children a small tablet of quinine. (1 grain "baby tablet" sold at 30 for a penny at the Post Office) every Wednesday and Saturday evening. You will not forget if you give it on regular days.

DIARRHOEA is often caused by something irritating in the stomach, such as over-ripe fruit ; give one dose of castor oil, and afterwards sweet oil for a few mornings. Give a child with diarrhoea either no food at all, only boiled water, for a day, to rest the stomach, or give a very little milk and water well boiled with a little arrowroot. Do not give a lot of cornstarch ; in any case give castor oil first, and if the diarrhoea is still bad, see the doctor.

The white of a fresh egg well mixed with boiled cooled water is good, and restful for the stomach.

COLD.

If the nose is stopped, make a twist of clean rag, and with it put a little vaseline up each nostril. A drop or two of eucalyptus oil mixed with the vaseline is very good for a cold. Teach a child to blow its nose first thing every morning to keep the passage clear.

Rubbing the chest and back well with sweet oil or cocoanut oil before the child is put to bed helps to cure a cold.

If there is fever with wheezing and quick breathing, take the child to a doctor.

WORMS.

If you see, or suspect, worms in a child, the safest treatment is as follows—not to give “worm powders” or “Dead Shot” but to let the child have a meal at four in the afternoon, no food or milk that evening, but a good dose of castor oil just before bedtime, and no food or milk the next morning till the oil has acted well. Any worms there are will be passed. The child can then have ordinary food.

CONVULSIONS.

If a child is feverish and twitches as if it were going to have convulsions, get the bowels well open with a soap injection; give a grain of quinine, and watch the child. If it becomes convulsed, put it in a hot bath with cold water to its head, and send for Doctor or Nurse,

BURNS OR SCALDS.

Quite a small burn may cause a little child's death—never think little of a burn. If the skin is burnt or scalded off, cover the raw place with *very clean* oil or vaseline (castor oil is good) and then wrap *clean* cloth all over to prevent the air getting to it; this will relieve the pain. Don't tear off anything that is sticking to the burn; soak it in oil; and take the child to hospital or the doctor. A child burnt on the stomach is always in danger; send it to the hospital quickly.

FALLS.

If a child has a fall, keep it very quiet; if the head is hurt, quiet and cool cloths are the best treatment, and if it is unconscious, take it to hospital or the doctor. Do not force water or anything else down its throat.

DROWNING.

Sometimes little children may fall into the trench, but doors should be barred so that they do not run this risk. If a child does fall in, and is taken out apparently drowned, it may be possible to get it better. Wipe out the mouth and throat quickly with clean rag or your finger, lay the child on its back, and lift the arms up above the head, then pull them back along the sides. Do this while you count one—two, slowly and go on doing it for at least half an hour. Many a child could have been saved if its mother knew how to do this, while someone ran for a doctor.

POISONS.

Keep everything poisonous on high shelves out of children's reach, but if they swallow anything that may be poisonous, like liniment or kerosine, take them at once to the Doctor, and

take the bottle from which they have drunk, to let the Doctor know what the poison was. Go quickly; do not waste time trying remedies.

The Baby Saving League is trying to help the mothers to have their children and babies healthy. If you have friends who have little babies, try to get them to join, so that we can all work together for the health of the Colony.

E. M. MINETT,

Medical Officer, Baby Saving League.

FEEDING OF BABIES.

Nearly everyone now knows that the mother's milk is the very best food for a baby up to nine months old, that breast fed babies are stronger, have better bones and teeth, do not suffer from diarrhoea, and are much less trouble than those fed on anything else.

Many mothers would like to go on breast feeding their babies but, after a month or two, when the baby is getting bigger and more lively, think their breast milk is not sufficient, and that the baby cries because it is not satisfied. The only way to make sure of the baby getting sufficient is to weigh it regularly. In nearly every district there is a clinic where baby can be taken for weighing and advice once a fortnight, and every League Nurse has a weighing scale for young babies. *If the weight is steadily increasing, the mother may be sure the breast milk is quite sufficient, and the crying is not for hunger.*

If the weight is not increasing steadily, there are many things the mother should try before giving up breast feeding.

(1). She should nurse very regularly, every 3 hours, or if the baby is big and strong, every 4 hours, waking the baby up to nurse during the day, and not nursing at night. If baby wakes at night, it should be given sips of boiled water, not nursed, so that the mother can get a good night's rest. If she nurses at irregular hours and often in the night, the breast milk is sure to be lessened.

(2) She should see that both she and the baby get regular daily bowel actions. She should not take castor oil or salts while she is nursing, but a small dose of cascara, or licorice powder, or infusion of senna pods, each night, and the baby can have a small teaspoonful of olive oil (sweet oil) every night or morning; *not castor oil, except for diarrhoea.*

(3). She should get an hour or two of rest in the day, to lie down and she should get a walk in the fresh air every day, and sleep with some windows open to get fresh air at night.

(4). She should get some extra milk, pap, or "tea" *herself*, not to be given to the baby; baby will get it through the breast milk, and she should drink plenty of boiled plain water or barley water. A drink, even of water, half an hour before nursing time, helps the milk to come.

(5). She should not take stout or ale, or spirits; they do not help the milk, and may upset the baby.

(6). If all these have been tried and the baby's weight is still not increasing, give a few teaspoons-ful of boiled cow's milk, mixed with an equal quantity of water, at the end of the breast feed. This is better for the baby than giving one or two bottle feeds a day.

(7). Do not leave off breast feeding before asking the doctor's or League Nurse's advice, and remember that even one or two breast feeds in the day, or morning and evening, are better for both baby and mother than none at all.

It is not true that breast feeding spoils a woman figure; on the contrary, suckling a baby helps the womb to go back as it was before the baby's coming, and makes the breasts develop better, and a healthy contented baby should make a happy mother.

E. M. MINETT,
Medical Officer,
Baby Saving League.

BABY SAVING LEAGUE.

BABY SHOW SCORE SHEET.

<i>General Condition</i> 20 Marks.	<i>Skin, etc.</i> 10 Marks.	<i>Bones & Teeth</i> 10 Marks.	<i>Muscles</i> 10 Marks.	<i>Blemishes</i> Marks off.
Weight (Chart)	Texture.	Development	Firmness.	Deformities.
Warmth of feet.	Buttocks.	Shape of head	Progress in movement.	Snuffles.
Belly; Size Softness	Hair.	Straightness	Neck.	Spots on skin
	Mucous membrane of mouth, nose.	Fontanelle.	Belly.	
		Teeth for age	Limbs.	Enlarged glands.
Navel.	Bites.			Enlarged spleen.
TOTALS				MARKS OFF.

Name

Marks

Age



BABY-SAVING LEAGUE

OF BRITISH GUIANA.



REWARD CERTIFICATE.

This is to Certify that _____

of _____ has successfully reared
a first class baby _____ to the
age of _____ months.

Date _____

_____) Judges
for
B.S.L.

BABY-SAVING LEAGUE

OF BRITISH GUIANA.



REWARD CERTIFICATE.

This is to Certify that _____

of _____ has attended a course
of lessons in **Mothercraft** at the Georgetown Crèche
and has passed an examination therein.

Marks obtained Theory _____ %
Practice _____ %

Date _____

_____) Exam.
iners.







THE
BABY SAVING LEAGUE
 OF
BRITISH GUIANA.

THE NINTH ANNUAL REPORT, 1922.

Founder :

LADY EGERTON.

Patron

HIS EXCELLENCY SIR WILFRED COLLET, K.C.M.G.

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Dr. A. T. OZZARD.

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His Lordship BISHOP GALTON.	„ C. W. DAVIS.
Rev. W. G. KIMBER.	„ C. FARRAR.
Dr. P. J. KELLY (Surgeon General).	„ W. H. PARRATT.
„ E. P. MINETT (Government Medical Officer of Health).	„ T. T. SMELLIE.
„ J. F. C. HASLAM, (Asst. Government Medical Officer of Health).	„ Rylands.
„ E. D. ROWLAND.	
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 (January & February.)

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 D.P.H., (Camb.) (Actg. March—Decr.)

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Clerical Assistant : MISS LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.



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President :
His Worship the Mayor, The Honourable M. NASCIMENTO

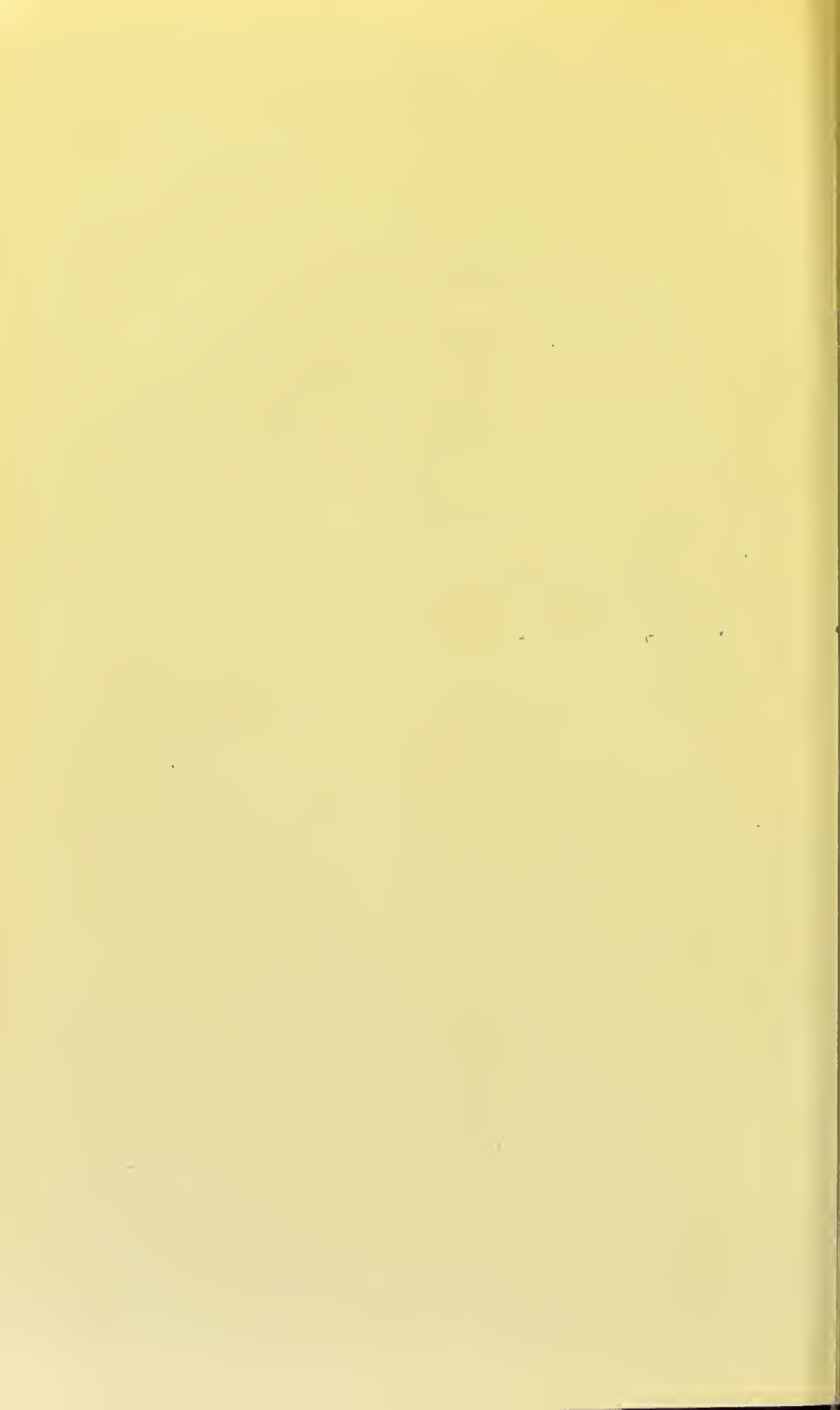
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,, J. F. C. HASLAM, (Asst. Govern. ment Medical Officer of Health.	,, Rylands.
,, E. D. ROWLAND.	
,, W deW. WISHART (Medical Officer of Health, Georgetown).	

Treasurer : Mr. H. BAMFORD.
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ANNUAL REPORT OF BABY SAVING LEAGUE FOR 1922.

Mr. President, Ladies and Gentlemen,

I have the honour to submit the following report for the year 1922.

Recommendations.

1. The Baby Saving League Committee to make representations to the Combined Court through the Surgeon General for an increase in the vote for midwives.
2. Establishment of Clinics for expectant mothers at all centres, and combined with these facilities for the treatment of Syphilis.

The Medical Officer, Mrs Minett went on six months' leave from 1st March at the expiration of which she resigned the appointment, and Dr. Fitzherbert Johnson, who has been acting as *locum tenens*, was asked to continue to administer the post.

During the year there has been increased interest manifested in all branches of the work as it at present exists. The attendances at the various clinics and cases taken by the nurses have both increased this year, and the numbers of mothers' deaths, infants' deaths and still-births have also decreased.

It is very gratifying to note such appreciable results as compared with other parts of the colony, and these would have been far greater had there been more certified nurses in some of the districts and more districts opened up. The necessity of this is borne out by the fact that there are yet many cases taken that are not seen by certified nurses. The infant mortality rate in the Clinic districts has decreased in comparison with last year's returns.

Considering that most of the nurses are working without the ready assistance of a doctor, that transportation to hospital is difficult in many cases, and considering that in some instances midwives are working on their own, it speaks well for the effort being put forth.

The still-birth figure is still disquieting and special attention is being paid to the subject with a view to its reduction. For further information see Table V.

The notification of Births Ordinance came into operation in July, and although it has begun to serve the purpose of getting at the number of unregistered persons actually practising, it is not yet understood that this notification is compulsory, and in the case of many births no notification form is sent in. For example, during the quarter ending September there were 79 births in the district of Mahaicony; in the ordinary course of events this office should have received 79 Notification of Births forms, but instead we only received 20—nineteen from the League's nurse and one from an unregistered person.

Some of the "grannies" who have been doing harmful work in many of the districts have been prosecuted and fined, and there could be ever so much greater results in this direction but for the fact that the number of certified midwives in the respective districts is not able to cope with the number of cases that actually occur.

Some of the nurses in the districts are still meeting with a considerable amount of opposition in one form and another but their patience and determination are both remarkable and commendable. The majority of them are only qualified midwives, a few of them are nurses as well, and two possess Local Health Visitors' certificates. We are endeavouring to raise the standard of qualification generally by encouraging those already in the League's Service to take the Local Health Visitors' certificate, for the tendency is to attach more importance to the delivery of the mothers, forgetting that such is only an incident in the greater work of instructing them how to rear their babies to its and their greater advantage.

It is, therefore, necessary that these nurses be strictly supervised and constantly encouraged to ensure the greatest measure of result, and I am recommending that the Baby Saving League make representations to the Surgeon General for an increase in the vote for midwives when the next estimate is considered.

The question of increase of subsidy to as well as bicycle allowances for the nurses are both desirable factors that would make for efficiency in the work, and it is to be hoped that as trade depression wears off and the Exchequer of the Colony increases, the Committee would give this point of bicycle allowance its sympathetic consideration.

The attendance at the Creche for the year has increased and the value of the work is more appreciated. Appended will be found a separate Creche report.

Two courses of lectures and demonstrations in Mothercraft were given for the year, and on the whole the work done was creditable. Owing to lack of accommodation at the Creche where these are given, only a limited number of pupils can be taken each quarter. The endeavour is to throw in as much elementary and school hygiene in these lectures as possible, with the object of getting the children interested in the health of the home and school.

In the first examination none of the pupils were successful, in the second the following obtained passes:—

Miss Lilian Ng, 80%,

Miss Frances Hobbs, 75% of marks in theory and practice, both from Albuoystown Scots School.

It is regrettable to observe in connection with these courses that of the 22 Headmasters circularised during the year only 7 replies were received and 4 co-operated.

The Annual Meeting was held on the 15th May in the Town Hall under the patronage of His Excellency Sir Wilfred Collet. A collection of \$111.84 for the funds of the League was taken.

We beg to acknowledge the following donations for the year:—

\$72.23 from the British Guiana Cricket Board of Control and 20 from J. Taylor, Esquire.

A monthly clinic is held at Ann's Grove and fortnightly ones at Agricola, Bagotville, Beterverwagting, Good Intent, Plaisance and Pouderoyen by the League's Medical Officer, and at Den Amstel, Windsor Forest and Buxton by the respective District Medical Officers.

A weekly clinic is held at the Town Hall at which there were 865 attendances for the year. I conduct this clinic one day a week, give advice and instruct mothers, and I impress upon the Health Visitors in attendance how necessary it is to visit regularly and frequently expectant mothers and babies especially ailing ones; that an effort should be made to encourage mothers to bring their infants regularly to the clinics as soon as they begin taking them out, and in that way our supervision and advice could then prevent rather than be expected to cure. They as well as mothers should realise that the proper use of the clinic should be as a clearing ground for sick babies, giving help to ailing ones, and not at any time to be used as an hospital.

Mention must be made of the regular attendance, devotion to duty and unfailing courtesy to the mothers at this clinic by the Health Visitors.

A weekly clinic is also held at the Hospital at which there were 2,155 attendances.

Berbice has been visited twice for the year; Essequebo and Pomeroon were not visited.

Baby shows were held on the East and on the West Bank, also at Beterverwagting, Buxton, Kitty, New Amsterdam and Plaisance; and the social side of the work among the mothers could in my opinion be expanded by having committees operating at all centres and providing for lectures at the several Dorcas Societies.

Our thanks are due to those ladies and gentlemen who have always helped to brighten up our entertainments for the mothers.

The Minett medals have been won by Nurses DeCoram and Hescott—the former for the greatest number of satisfactory cases for the year and the latter for the district most satisfactorily worked up.

The Office was visited by Dr. Wolff, Surgeon General of Surinam, who was interested in the work of the Baby Saving League. He took away specimens of leaflets, charts, etc.

I have the honour to be,
Your obedient Servant,

R. FITZHERBERT JOHNSON,
Medical Officer,
Baby Saving League.

REPORT ON CRECHE, 1922.

The Creche at Georgetown has made steady and definite progress during the year, 1922.

On the first of January, it was removed from the premises occupied during 1921 to the building situated at 24, Lyng Street, opposite the former location. This building, though old and in bad repair and set flat on the ground of a badly drained yard, is still much more suitable for an institution of this kind, being larger and more commodious than the old building and more readily adaptable to the special needs of the Creche.

The opening and closing hours of 5.30 a.m. and 10 p.m. have been maintained during the year as the long hours of the mothers employed in domestic service necessitated this course. We have one child who have been in the Creche since he was three months old, whose mother sees him by daylight once a month when she has a Sunday afternoon to herself. She brings him at 5.30 a.m. and returns for him long after dark.

The same staff as last year has been employed with the addition of an assistant nurse who comes to work at 6 a.m. and remains until 11 a.m. to help during the bathing, dressing and breakfasting period. The staff have worked faithfully and well during the year and are deserving of all commendation.

The pay of the staff has remained the same as during 1921. The assistant nurse is paid eight dollars a month for her services. During the year, each member of the staff has received two uniforms.

We have had two cases of children left over night. In one instance, the mother was taken ill while selling in the market and removed to the hospital and was unable to arrange for the removal of her child. This child was permitted to remain at the Creche, but in cases resulting from mere thoughtlessness or wilful neglect on the mother's part, she is compelled to remove her child from the Creche, and give a more deserving mother the opportunity of enjoying its benefits.

The rule that a mother must be in employment is enforced as strictly as possible under the circumstances. Of course, we do not immediately penalize the child, because a mother loses her employment, by compelling the mother to remove the child but we do keep the mother under strict supervision and make her understand that if she wishes to keep her child in the Creche she must honestly seek employment. In many cases we have been successful in finding permanent employment for the mothers.

The total number of attendances for the year rose to 11,325, a steady increase in numbers and regularity being shown. From the number of thirty-five children on the Creche register on Dec. 1, 1922, thirteen have been regular attendants since the opening months of the Creche in 1921 and have shown marked improvement mentally and physically. During the year, five children have reached the age limit of five years and have been sent away to make room for younger children.

A daily attendance of thirty-five is all that the present Creche quarters can accomodate and we are reluctantly compelled to turn away children every day for lack of room. It is hoped that during the coming year to erect a Creche building of our own which will house perhaps seventy-five children.

The financial statement for the year is appended. Including staff, who receive a daily allowance of bread, sugar, tea, and milk equal to the cost of a child's daily ration, the cost for the maintenance of attending children works out at about forty-one cents per head per day which compares favourably with that of forty-four cents for the preceding year. Of course as the attendance increases, the overhead cost decreases proportionately but under present conditions the Creche has reached the limit of its growth.

The health of the children has shown remarkable improvement. While there have been several deaths among the infants, they have with two exceptions been those of babies received at the Creche in an emaciated and undernourished condition and who were utterly unable to assimilate proper food in their weakened state. These babies were kept a short time at the Creche and then sent on to hospital where they died.

The hospital authorities have been most courteous in receiving the Creche children and have helped pull us through epidemics of whooping cough and chicken-pox.

We think it worthy of comment that we have never lost by death any child over one year of age.

The regular weekly weighing of the children has been continued for the year and the results are most gratifying.

The diet, as originally planned, having proven satisfactory has been continued although food quantities have had to be considerably increased as the children's appetites keep step with their growth.

The educative work among the older school girls of the city has been enthusiastically carried on under the direction of the Medical Officer and the Assistant Matron and considerably more intelligent interest has been manifested in the lectures and the results have been much more satisfactory than during the preceeding year.

The mothers receive such simple instructions as are needed in regard to the care of their children and influenced by the steady growth in health and development of the children under the Creche system, have seemed willing and even anxious to co-operate with us.

A Christmas tree was given for the children and thanks to the kindness of interested friends, each child was given a toy, sweets and a dress.

During the year, Dr. Wolff, the Surgeon General of Surinam, visited the Creche and took notes and data with the idea of starting one in Dutch Guiana.

Baby Saving League Creche Financial Statement.

1922.

January 1st.	Cash in hand	...	\$ 547 54
	Creche Collection Box	...	11 87
	Refund by C. F. Barrow per Mr. Davis	...	9 00
	Mrs. T. Smellie: collected Mothers' Meeting...	...	5 00
	\$5.59, \$5.04, \$4.48, Int. Savings Bank	...	15 11
	Government Grant	... ..	4,800 00
			\$ 5,388 52

Amounts Expended—

Salaries.	...	...	\$ 1,742 00	
Rent	...	...	330 00	
Dietary	...	...	1,971 75	(\$1,117 65 for milk)
Miscellaneous	...	...	842 00	4,885 75
Balance in hand 31. 12. 22.			... ..	\$ 502 77

(Signed) SARA W. DAVIS,
Secretary, Creche Committee.

CRECHE BUILDING FUND.

4. 1. 22.	Government Bond	...	\$1,500 00
	Royal Bank of Canada		
	Savings Bank	...	133 01
	Donation from Mr. Hill		
	Health Council	...	200 00
	Proceeds of Concert and Dance	...	210 00
	Royal Bank of Canada, Interest	...	8 03

	Govt. Bond, \$1,500 00)		
	R.B. of C. 551 04)	Balance 31.12.22.	\$2,051 04
	Savings Bank		

I hereby certify that the above statement is correct,

(Signed) HARRY BAMFORD,
Treasurer,
Baby Saving League.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Donations.	Govt. Grant for Midwives.	Govt. Grant for General Purposes.	Other Receipts.	Total.
Georgetown ...	...	\$204 07	...	\$ 4,777 79	...	\$ 4,981 86
New Amsterdam	\$ 25 02	22 00	\$ 500 00	...	\$ 203 31	750 33
Ann's Grove ...	3 60	...	150 00	...	...	153 60
Beterverwagting	1 44	18 92	150 00	...	2 30	172 66
Buxton ...	1 92	37 48	160 00	...	...	199 40
Christianburg ...	2 00	...	150 00	...	...	152 00
Den Amstel ...	7 68	16 56	150 00	...	36	174 60
East Bank	5 08	31 00	300 00	...	24	336 32
Kitty ...	5 04	21 00	150 00	...	...	176 04
Mahaica ...	...	...	150 00	...	...	150 00
Plaisance ...	4 44	9 94	150 00	...	68 82	233 20
West Bank	3 44	46 00	455 00	...	...	504 44
Districts without Branches	...	...	1,283 21	...	...	1,283 21
	\$59 66	\$406 97	\$ 3,748 21	\$4,777 79	\$ 275 03	\$ 9,26 67

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance on 1st Jan. 1922.	Receipts.	Revenue.	Expenditure.	Balance on 1st Jan. 1923.
Georgetown ...	\$ 409 87	\$ 4,981 86	\$ 5,391 73	\$ 4,332 06	\$ 1,059 67
New Amsterdam .	223 17	750 33	973 50	625 06	330 44
Ann's Grove ..	5 87	153 60	159 47	151 75	7 72
Beterverwagting ...	131 02	172 66	303 68	170 76	132 92
Buxton ..	72	199 40	200 12	199 03	1 09
Christianburg ...	12 86	152 00	164 86	150 00	14 86
Den Amstel ...	...	174 60	174 60	172 54	2 06
East Bank...	19 06	336 32	355 38	337 41	17 97
Kitty ...	2 00	176 04	178 04	171 51	6 53
Mahaica ...	96	150 00	150 96	150 00	96
Plaisance ...	16 92	233 20	250 12	164 63	85 49
West Bank ...	4 88	504 44	509 32	505 08	4 24
Districts without Branches ...	...	1,283 21	1,283 21	1,283 21	...
	\$ 827 33	\$ 9,267 66	\$10,094 99	\$ 8,411 04	\$ 1,683 95

Statement C.

Detailed Expenditure and Reports of Branch Committees.

GEORGETOWN.

Salaries, Medical Officer	...	...	...	\$ 1,440 00
Superintendent	...	...	...	780 00
Clerical Assistant	...	...	...	240 00
Travelling	...	...	...	703 05
Drugs, etc.	...	...	...	306 24
Uniform, League Nurses	...	...	...	263 34
Printing, Stationery	...	...	...	173 97
Postage, Freight, etc.	...	...	...	44 48
Grant to Christianburg	...	...	...	48 00
Miscellaneous	...	...	...	332 98
				<hr/>
				\$ 4,332 06

NEW AMSTERDAM.

Subsidy, Nurse-Midwife	...	...	...	\$ 485 55
Drugs	...	...	...	10 00
Stationery	...	...	...	8 72
Equipment Clinics	...	...	...	61 21
Etc.	...	...	...	57 58
				<hr/>
				\$ 623 06

Honorary Secretary's Report :—

During a part of the year our President, Mrs. Shields and our representative at Adelphi, Mrs. Smith, were on holiday. Mrs. A. E. Jones capably discharged the duties of President. Mrs. Booth and Dr. Robertson, both very useful members of the Committee, had to resign due to a change of residence.

The Annual Meeting was held in the Town Hall on the 29th May, and was a distinct success. Dr. Haslam gave a very instructive address. Another meeting was held on the 27th July, when a very informative lecture on Baby Ailments was given by the acting Medical Officer, Dr. Johnson.

Nurse Smith was given leave of absence for three months, half of which was on full pay. Nurse Thomas acted acceptably.

The Baby Show was held on the 24th November, and about 60 Babies were presented. Dr. Q. B. deFreitas, Dr. Field, Dr. Johnson, Mrs. McAndrew and Miss Dargan kindly acted as judges. Mrs. W. M. B. Shields very gracefully presented the prizes and Dr. Johnson in a happy speech presented to Nurse Westmoreland the medal she had won.

M. A. COSSOU.

KITTY.

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Stationery	...	...	...	52
Baby Show, etc.	...	...	...	20 99
				<hr/>
				\$ 171 51

The work for the year has been satisfactory, the increase of cases taken being evidence of the increasing popularity of the nurse.

A very successful and largely attended Baby Show was held in November.

PLAISANCE.

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Stationery	...	...	...	1 06
Equipment Clinics	...	...	...	1 87
Baby Show, etc.	...	...	...	11 70
				<hr/>
				\$ 164 63

The Bi-Annual meeting and Baby Show were held in March, and were presided over by the Honourable M. Nascimento, Mayor of Georgetown, Dr. Craigen and Dr. Ozzard kindly acted as judges and expressed satisfaction and pleasure at the condition of the infants presented. The usual refreshments were served to the mothers.

In June the British Guiana Musical Society were exceedingly kind and gave a production of "The Gondoliers" in St. Paul's schoolroom in aid of the funds of our Branch. The amount realised we look upon as a "nest egg" for the cherished scheme of extension. The acknowledged success of the entertainment was enhanced by the kindness of Messrs. Booker Bros., McConnell & Co., who installed a portable Delco plant for the occasion, and also gave material assistance in other directions.

In May, Nurse Barker was confirmed in her acting appointment, and has given entire satisfaction to the Committee.

The uphill struggle of "certified" versus "uncertified" still continues. During the year there were one or two evidences of the great need of the suppression of this evil.

The fortnightly clinics were held regularly.

S. CROPPER.

BETERVERWAGTING.

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Drugs	...	...	...	1 12
Stationery	...	...	...	72
Baby Show (prizes, etc.)	...	...	...	18 92
				<hr/>
				\$ 170 76

Honorary Secretary's Report:—

Keen interest in the work has been maintained. Two new members were added during the year. Clinics were held as usual. Nurse Simpson continues to be kept busy. She attended 46 cases. Dr. Johnson is very keen about his work. There were two clinic deaths for the year. The Annual Show was held on the 20th of March. 23 babies attended; 13 received prizes, the others were given Toys by the President.

M. RICHMOND.

DEN AMSTEL.

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Stationery	...	...	...	1 00
Baby Show	...	...	...	21 54
				<hr/>
				\$ 172 54

Honorary Secretary's Report:—

The Den Amstel Branch of the Baby Saving League was active during 1922, Dr. W. G. Boase, Government Medical Officer, having resumed his duties from Dr. J. B. Singh. Nurse Douglas resigned and was succeeded by Nurse Rebecca Simpson.

The President, Rev. T. B. Glasgow, having not returned as early as expected, we had no Baby Show in 1922, but with the help of the Georgetown Committee the Show came off successfully on 10th January, 1923.

One of our Committee Members, Mrs. P. W. Brown died during the year. We sympathise with the bereaved.

W. A. DEANE.

EAST BANK.

Subsidy, Nurse-Midwife	...	...	...	\$ 300 00
Equipment Clinics	...	...	...	1 32
Baby Show	...	...	...	36 09
				<hr/>
				\$ 337 41

The work of Agricola for the most part of this year suffered somewhat owing to the absence on leave of the Secretary-Treasurer, Mrs. Josa; it is hoped, however, that with her return there will be an increased attendance. A very successful Baby Show was held in August at which there was a large attendance.

TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese	East Indian.	Chinese	Black	Mixed.
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237		97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144

TABLE 3.
BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Live Births.	Still Born.	Registration Area.		City Area.	
			Live Births.	Still Born.	Live Births.	Still Born.
1912 ...	9,894	862	1,825	195	1,562	175
1913 ...	10,515	885	1,708	182	1,632	176
1914 ...	10,662	943	1,790	193	1,641	188
1915 ...	9,766	837	1,570	172	1,464	168
1916 ...	8,326	706	1,411	141	1,342	138
1917 ...	8,933	755	1,555	144	1,461	137
1918 ...	7,791	751	1,456	163	1,445	137
1919 ...	7,938	658	1,555	161	1,502	136
1920 ...	9,788	796	1,763	205	1,616	173
1921 ...	10,287	892	1,817	228	1,716	185
1922 ...	8,274	797	1,692	212	1,612	174

TABLE 4.

Cases attended by the League Midwives.

Districts.	Births.	Deaths of Mothers	Deaths of Infants.	Still Births.
Adelphi	48	0	0	2
Agricola	54	0	0	5
Ann's Grove... ..	51	1	0	5
Aurora	27	1	0	4
Bagotville	46	0	0	1
Belfield	32	0	1	3
Belladrum (6 mos)	35	0	1	2
Beterverwaging	38	0	2	2
Bloomfield	20	0	1	0
Buxton	17	0	1	3
Christianburg	25	0	0	1
Den Amstel	20	1	1	3
Good Intent... ..	30	0	2	2
Kitty	22	0	3	0
Mahaica	22	1	0	5
Mahaicony	66	0	0	2
Moruca	18	0	0	1
New Amsterdam	67	2	2	3
Plaisance	24	0	0	3
Pomeroon	9	0	1	2
Pouderoyen	52	0	4	0
Queenstown... ..	55	0	3	4
Ruimveldt	92	0	1	3
Total	870	6	25	56
*City of Georgetown	186	0	3	9
Total	1,056	6	28	65

*Attended by the Government outdoor Midwives attached to the Public Hospital Georgetown.

TABLE 5.

Percentage of Total Deaths in each year to those dying under one year of age.

Year,	Number of Deaths.	Number of Deaths under one year.	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7

TABLE 6.

Causes of Infant deaths with number and percentage due to each cause from 1918-1922.

Cause.	1918.	1919.	1920.	1921.	1922
Malaria	No. ... 350	228	200	301	300
	Per ct. ... 20.1	15.5	13.8	15.0	19.5
Diarrhoea & Enteritis	No. ... 63	232	247	324	222
	Per ct. ... 15.1	15.8	17.0	16.2	14.4
Syphilis	No. ... 18	15	24	47	27
	Per ct. ... 1.0	1.0	1.7	2.3	1.8
Bronchitis & Pneumonia	No. ... 120	127	133	233	134
	Per ct. ... 6.9	8.6	9.2	11.6	8.7
Premature Birth.	No. ... 303	268	234	338	279
	Per ct. ... 17.4	18.2	16.1	16.9	18.2
Infantile Debility	No. ... 393	338	396	451	387
	Per ct. ... 22.9	23.0	27.3	22.7	25.2
All other Causes	No. ... 287	261	219	305	188
	Per ct. ... 16.5	17.8	15.0	15.2	12.2
Total	1,739	1,469	1,453	2,002	1,537

TABLE 7.

Nurses Cases, 1915—1922.

DISTRICTS.	1915	1916	1917	1918.	1919	1920	1921	1922
1. Adelphi ... ..	...	...	...	...	...	...	55	48
2. Agricola	50	52	63	56	59	61	74	54
3. Ann's Grove ... ..	...	18	3	6	...	10	57	51
4. Anna Regina ... ..	...	25	79	59	34	32	Trans- Estates	ferred to Hospital
5. Aurora ... ..	...	6	27	21	20	31	32	27
6. Bagotville ... ..	...	15	15	15	16	22	35	46
7. Belfield ... ..	...	...	32	27	29	26	35	32
8. Belladrum ... ..	...	...	...	...	...	...	...	35 (6ms)
9. Beterverwagting... ..	...	5	37	31	40	40	45	38
10. Bloomfield ... ..	...	...	...	...	...	...	...	20
11. Buxton	23	31	45	24	23	24	29	17
12. Canal No. 1 ... ..	...	...	...	...	...	...	22	...
13. Christianburg ... ..	...	...	30	26	18	36	31	25
14. Danielstown ... ..	...	...	...	5	9	7	7	...
15. Den Amstel ... ..	...	1	1	4	5	1	7	20
16. Good Intent	49	34	39	45	21	21	32	30
17. Kitty ... ..	...	...	...	5	5	12	18	22
18. Leguan ... ..	...	...	8	2	...	...	...	...
19. Mahaica ... ..	...	...	27	16	6	...	15	22
20. Mahaicony ... ..	...	...	76	35	25	46	81	66
21. Moruca ... ..	...	...	10	10	8	8	46 (ms)	18
22. New Amsterdam	56	44	33	32	44	55	59	67
23. Plaisance ... ..	...	2	14	11	18	25	30	24
24. Pomeroun ... ..	...	...	14	6	11	11	15	9
25. Pouderoyen	29	60	37	53	41	51	60	52
26. Queenstown ... ..	...	...	...	...	...	...	1	55
27. Rose Hall ... ..	...	8	8	9	2	12	12	...
28. Ruimveldt	56	53	43	45	36	62	72	92
29. Springlands ... ..	...	...	12	8	6	8	...	...
30. Stewartville ... ..	...	3	3	...	...	...	...	...
31. Tuschen ... ..	...	...	1	12	14	14	...	...
	263	357	657	563	490	615	808	870
* Georgetown	204	171	164	138	173	150	204	186
	467	528	821	701	663	765	1012	1056

*Attended by the Government outdoor midwives attached to the Public Hospital, Georgetown.

TABLE 8.

Cases attended by League Nurses.					Cases attended by Outdoor Midwives attached to P. H. G.			
Year.	Cases.	Mothers deaths.	Infants deaths.	Still births.	Cases.	Mothers deaths.	Infants deaths.	Still births.
1916	357	2	17	18	171	0	0	0
1917	657	7	43	29	164	0	7	6
1918	563	10	29	60	138	0	4	4
1919	490	6	24	37	173	0	3	6
1920	615	6	26	62	150	0	1	8
1921	808	18	30	70	204	1	5	7
1922	870	6	25	55	186	0	3	9



CLINICS HELD AND VISITS PAID TO DISTRICTS.—TABLE 8.

District	January		February		March		April		May		June		July		August		Sept.		October		Nov.		Dec.		Total	
	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.		
Adelphi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Agricola	2	0	2	0	2	1	2	0	3	0	2	1	2	0	2	0	2	1	3	0	2	0	2	0	27	
Ann's Grove	2	1	1	0	1	0	1	0	1	0	1	0	1	0	2	0	1	0	1	0	1	0	1	0	14	
Aurora	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
Bagotville	2	1	1	1	2	0	2	0	3	0	2	1	2	0	2	0	2	1	3	0	2	1	1	0	2	
Belfield	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Belladrum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Beterverwagting	2	0	2	0	2	0	2	0	3	0	1	0	2	0	2	0	2	0	2	1	1	0	1	0	3	
Bloomfield	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
Buxton	3	1	1	0	2	0	1	0	1	0	2	0	2	0	3	0	2	1	2	0	1	0	1	0	19	
Christianburg	1	0	2	0	2	0	2	0	1	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
Den Amstel	2	0	2	0	3	1	2	0	1	0	0	1	2	0	2	0	2	0	2	1	2	0	2	0	24	
Good Intent	2	0	2	1	2	0	2	0	2	0	3	0	2	0	2	0	3	1	2	0	2	1	2	1	25	
Kitty	2	1	2	1	3	0	1	0	...	...	2	0	0	1	2	0	3	0	2	1	2	1	2	1	25
Mahaica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Mahaicony	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Moruca	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	46
New Amsterdam	4	0	4	0	5	0	4	0	4	0	5	0	4	1	1	0	4	0	4	0	3	1	2	0	28	
Plaisance	2	1	2	0	2	0	2	0	3	0	2	0	2	0	2	0	2	0	2	1	2	1	2	0	25	
Pomeroon	25
Pouderoyen	2	1	2	0	2	0	2	1	2	0	1	1	2	0	3	0	2	1	2	0	1	0	...	...	25
Queensdown	23
Ruimveldt	3	0	1	0	2	1	2	0	2	0	1	0	2	0	2	0	2	0	2	2	1	0	...	...	49
Town Hall	4	0	4	0	5	0	4	0	4	0	4	0	4	1	5	0	4	0	4	0	4	0	3	0	49	
Windsor Forest	2	0	2	0	2	0	2	1	1	0	2	0	2	0	2	0	2	0	2	1	1	0	...	...	22
	35	6	30	3	37	3	31	3	31	0	28	4	31	4	34	0	36	5	35	9	27	7	13	0	412	
	41		33		40		34		31		32		35		34		41		44		34		13		412	





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THE
BABY SAVING LEAGUE
OF
BRITISH GUIANA.

THE TENTH ANNUAL REPORT, 1923.

Founder:
LADY EGERTON.

Patrons:
HIS EXCELLENCY SIR GRAEME THOMSON, K.C.B.,
AND LADY THOMSON.

President:
Hon. Dr. P. JAMES KELLY, (Surgeon General.)

Vice-Presidents:
Dr. A. T. OZZARD, (G.M.O., Buxton.)
Dr. A. J. CRAIGEN, (Resident Surgeon, P.H.G.)

Committee:

His Lordship, THE BISHOP OF GUIANA.	LADY GRAEME THOMSON.
His Lordship BISHOP GALTON.	Mrs. G. W. BROWN.
Rev. W. G. KIMBER.	„ T. T. SMELLIE.
Dr. E. D. ROWLAND, I.S.O.	„ C. FARRAR.
„ J. F. C. HASLAM, (Government Medical Officer of Health, Georgetown.)	„ W. H. PARRATT
	„ Hunter, Nurse Supt. P.H.G.
„ W deW. WISHART (Medical Officer of Health, Georgetown).	„ Miss Kennedy.
<i>Hon'y. Treasurer:</i> Mr. H. BAMFORD.	
<i>Acting Medical Officer:</i> DR. FITZHERBERT JOHNSON, M.B., (Edin.) D.P.H., Canterbury.	
<i>Superintendent:</i> Mrs. McANDREW.	
<i>Clerical Assistant:</i> Miss LEWIS.	

Office: GOVERNMENT PUBLIC HEALTH DEPARTMENT.



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<i>Clerical Assistant :</i>	Miss LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.



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Dr. Q. deFreitas	„ Cummings
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Rev. A. E. Dyett	

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Hony. Treasurer : Miss Cropper

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Mrs. W. G. Kimber

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,, Tribooan Maraj

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Mrs. J. L. Crawford
,, W. A. Deane

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Asst. Secretary : Mr. J. W. Jackson

Hony. Treasurer : Mrs. D. G. Trotter.

ANNUAL REPORT OF BABY SAVING LEAGUE FOR 1923.

Mr. President, Ladies and Gentlemen,

I have the honour to submit the following report for the year 1923'
Recommendation.

Facilities for the treatment of Venereal Disease at all the centres.

During the year under review there has been sustained interest and better results in all branches of the work. The Infantile Mortality figure has been reduced to 177. 26 nurses were operating as against 23 last year, and there has been an increase of 30% of the number of cases delivered, 37% of clinic attendances and 11% of still-births.

In the earlier part of the year machinery was set in motion to determine the cause of the exceeding high still-birth figure among cases attended by our nurses, and statistics carefully compiled from June to December showed that the nurses were in no way to blame, but rather in one case brought out the persistence and care exercised to revive the new arrivals. Nurse Earle at Kitty was called to a case and before she arrived everything was over, and the mother grieved because the baby was dead. The nurse, however, went over to the huddled form and after examining detected faint signs of life; at once artificial respiration was employed for the greater portion of an hour when her efforts were crowned with success and a living child put back in the bed by the side of its joyful mother.

Of the number, 83 $\frac{1}{3}$ % were dead born and peeling and 16 $\frac{2}{3}$ % were of the pale form of still-birth. Going into the history of each case, all the mothers delivered of dead-born children gave histories of repeated abortions and 66 $\frac{2}{3}$ % of them showed definite tertiary manifestations of syphilis; 16 $\frac{2}{3}$ % were doubtful. Of the histories of the mothers delivered of pale form of still-births, 6 $\frac{2}{3}$ % gave histories of repeated abortions and showed tertiary manifestations of syphilis, whereas only a history of accidents could be determined from the other 10%.

It will be interesting to discover what similar investigation would bring out from the 845 still-births for the year all over the Colony.

Another important feature relative to one of the chief causes of a high Infantile Mortality is brought out from the following interesting figures which are taken from the period covering January-June. The Plaisance registration district includes Kitty, Turkeyen, Cummings Lodge, Industry, Plaisance, Ogle, Better Hope, Ressouvenir, Beterverwagting. There are Infant Welfare centres at Kitty, Plaisance and Beterverwagting. At these there were from January to June 76 cases taken, out of which there were 8 Infants' deaths and 8 still-births. From the whole registration district for the same period there were 321 cases taken, 82

infants' deaths and 26 still-births, proving that there were 245 cases the majority—perhaps all—of which must have had unskilled attendance, and the result of which was a marked proportionate increase in the number of infants' deaths and still-births.

Clinics for expectant mothers were started this year and there was an attendance of 120 mothers, 71 of whom were treated. Two notable features of these clinics were that in districts which were overrun with grannies it was a means of maintaining a close association between mother and League nurse until delivery; and it afforded the Medical Officer much scope for the treatment of constitutional diseases which do affect the offspring. I am repeating with emphasis the recommendation made last year that facilities for the treatment of Venereal Disease be associated with these clinics.

Our thanks are due to Mrs Porter of Good Intent who, actuated by a spirit to help difficult motherhood, offered her home for the accommodation of ante-natal clinics there. During the year there have been changes on the voluntary staff The Honourable Mr. Nascimento resigned the Presidency and Mr. Chester W. Davis the post of Secretary to the Creche Committee. Both of these workers have rendered valuable service to the League, especially the latter whose effort for the welfare of the Creche was seen and felt on all sides, and who was much beloved by both mothers and babies.

The Superintendent, Mrs. McAndrew, was away on three months leave of absence.

The Annual meeting was held on 3rd July in the Town Hall. His Excellency Sir Graeme Thomson who presided was accompanied by Lady Thomson; both have become patrons of the League, and Lady Thomson has further manifested her interest by gracing the deliberations of the Executive Committee with her presence. The opportunity was taken at this meeting to make a presentation to Mrs. Chester W. Davis for the active interest taken in Infant Welfare work during her stay in the Colony.

A collection of \$94.50 was taken up at the meeting and we beg to further acknowledge donations of \$5.00 from the Working Society of the Scots Church, Mahaica, and \$32.00 from a lecture delivered by Captain Coghlan.

The educative side of the work has been much emphasized. Public lantern lectures were given at the following centres—Suddie, Queens-town, Agricola, Kitty, Beterverwagting, Mahaica, New Amsterdam, and Rose Hall, Corentyne. The attendance on each occasion was large and it was surprising and encouraging to see the intelligent interest manifested at each of these lectures; the audience invariably included a class of mother which we should not have otherwise seen at the clinics.

Three courses of lectures and demonstrations in Mothercraft were held for the year for pupils from Lodge Congregational School, Christ

Church Anglican and Providence Congregational School ; the interest manifested and the work done were encouraging and creditable. Certificates have been awarded to

Miss Amy Massay, 89.5%
 Miss C. Prince, 89%
 Miss C. Niles, 84.5%
 Miss Iris Pollard, 79.5%
 Miss Dorothy Walker, 75.5%
 Miss Clarissa Ben, 70.5%
 Miss Noreen Neptune, 63%

These lectures are given at the Creche and aim at imparting knowledge in home and school hygiene as well ; the Medical Officer is assisted by Assistant Matron Cox who gives the practical demonstrations. Our thanks are due to Mrs. Chester W. Davis, Mrs. Hunter, Nurse Superintendent, Public Hospital, Georgetown, and Mrs. McAndrew, Superintendent and Secretary, for assisting with the practical portion of the examination at the end of each quarter.

The work at the Creche has been steady ; the attendances for the year totalled 9,652 ; 4 children reached the age limit of 5 years when their places were immediately filled and there were 7 deaths in Hospital. The demand for vacancies has been more than the accommodations offered, and it is hoped that it will not be long before they are met by the erection of our new Creche building.

The health of the children has been up to standard and we were remarkably free from any epidemics. 8 samples of milk for the year have been sent up for examination by the Government Analyst and the reports have shown all to be samples of genuine milk.

The staff, who deserves every praise for their devotion to duty, remained the same until the latter part of the year when Nurse Norville resigned ; she had been attached to the institution since its inception.

Lady Thomson visited the Creche and included among other visitors were the Honourable Popham Lobb, Officer Administering the Government, and Mrs. Lobb, and Mrs. Amy L. Scott, Honorary Treasurer, San Fernando Child Welfare League, Trinidad.

Successful Baby Shows were held at the following centres—Den Amstel, Beterverwagting, Ann's Grove, Buxton and New Amsterdam, and our thanks are due to those ladies and gentlemen who attended and acted as judges or gave addresses of encouragement to the mothers.

The Minett medals for the highest number of cases and the best worked-up district were won by Nurse Goddard of Ann's Grove and Nurse Earle of Kitty respectively.

I have the honour to be,

Your obedient Servant,

R. FITZHERBERT JOHNSON,

Acting Medical Officer,

Baby Saving League.

REPORT ON CRECHE. 1923.

The Creche in Georgetown remains a fixed institution and has continued along the original lines with success during 1923.

We are still carrying the same average as in the year 1922. *i.e* thirty-five children.

Our limited accommodation prevents us from considering several outstanding cases, which we have been forced to turn away—However we keep such cases on record for reference.

Some of these babies are taken temporarily to fill a vacancy when one of our permanent number is confined in hospital for any length of time.

The usual epidemic of whooping cough, which spreads itself over a considerable period, proved very trying, but our hardworking staff was greatly relieved and helped, through the courtesy of the authorities of the Public Hospital, in admitting certain cases.

When the cases were not bad enough for hospital, but too bad to mix with the other children for fear of infection, the mothers were told to keep those children at home—We supply such mothers with one pint of milk each morning from our day's ration to help with the babies' up-keep.

We feel that with more room, there could be better work done in the Creche for the benefit of Infant Welfare in British Guiana. Care and accommodation could be given to many more children with practically no increase of expenditure.

It is greatly desired that as soon as a suitable site can be obtained, to begin to build a Creche of our own. A building which should house at least fifty children—Under present conditions we have reached our limit.

The diet continues as from the inception, with proved satisfaction. The children eat heartily and one has only to look at them to see that we get the best results. They are happy and well cared for—On bright days they enjoy the whole morning out of doors in the open yard. A large tarpaulin is spread on the ground for the smaller babies who are not able to walk.

We are very grateful for a load of sand, which was kindly given by the authorities of the Public Works Department. The children derived a wonderful amount of joy from this.

May we hope for some more ?

The general health of the children has shown remarkable improvement, both mentally and physically. There is one particular case of a child who came to us about eighteen months ago in a very sickly and emaciated condition—He has been a very regular attendant and is now one of our best babies.

The educative work under the painstaking care of our Medical officer is still being carried on among the older school children. The lectures are received with a great deal of intelligent interest.

The mothers are beginning to show real gratitude. It is gratifying to observe the influence of the simple Creche instructions on them and the eager way they come to ask advice of our matrons. The result is that the good services rendered during the day are not undone when the children are taken home in the evening.

The Staff has remained the same as during 1922. They are energetic and trustworthy and deserve their meed of praise. Each of them has received two new uniforms during the year.

We miss Miss Davis very much since her removal from Georgetown, but it is heartening to know that she still keeps her interest in our work and is still a sympathetic friend. She keeps constantly in touch with us, and sent at Christmas, not only presents for the children but a separate gift for each member of the Staff. The Christmas tree was a great success and treat for the children and we would like to express grateful thanks to all the interested friends who sent clothing, toys, and gifts of money. We want specially to thank the number of children who willingly raided their toy corner "to give pleasure to poorer babies."

Before concluding we beg to thank Lady Thomson for her gracious visit at Christmas time. It was greatly appreciated along with the mammoth box of candy she so generously brought.

Let me invite all kind and interested friends to pay the Creche a visit. We would like you to see for yourselves the work that is being done and be assured it will help us to greater courage in this uphill venture.

(Signed) MAUD. H. BROWN,
(Secretary) *Creche Committee.*

Baby Saving League Creche Financial Statement.

1. 1. 23.	To balance brought forward	...	\$ 502 77
	„ Interest on Savings Bank	\$ 4 66 } 5 65 }	... ... 10 31
	„ Government Grant	...	... 4,800 00
			5,313 08

Amounts Expended—

By Salaries	... ..	\$ 1,670 46		
„ Rent	... ..	300 00		
„ Dietary	... ..	2,161 00	(\$ 923 84 for milk)	
„ Miscellaneous, including Uniform, Light, Equipment, Drugs, etc.	497 52			4,628 98
Balance 31. 12. 23.				684 10
				\$ 5,313 08

CRECHE BUILDING FUND.

1. 1. 23.	Government Bonds	... ..	\$ 1,500 00
	Royal Bank of Canada, Savings Bank	... ..	551 04
	Interest, Government Bonds	... ..	270 00
	Interest, R.B.C. Savings Bank	... ..	16 64
	Govt. Bond, \$1,500 00)		
	R.B. of C. 837 68)	Balance 31.12.23.	\$ 2,337 68
	Savings Bank		

I hereby certify that the above statement is correct.

(Signed) HARRY BAMFORD,
Honorary Treasurer,
Baby Saving League.

Statement A.

TABLE OF RECEIPTS IN EACH DISTRICT.

District.	Mem. Sub.	Donations.	Govt. Grant for Midwives.	Govt. Grant for General Purposes.	Other Receipts.	Total.
Georgetown ...	...	\$126 96	...	\$ 8,526 00	\$ 44 36	\$ 8,697 32
New Amsterdam ...	...	25 13	\$ 500 00	...	114 76	639 89
Ann's Grove ...	...	...	150 00	...	3 12	153 12
Beterverwagting ...	\$ 3 60	18 99	150 00	...	8 63	181 22
Buxton ...	72	28 26	150 00	...	...	178 98
Christianburg ...	2 02	...	150 00	...	...	152 02
Den Amstel ...	3 24	38 93	150 00	...	...	192 17
East Bank ...	4 68	...	300 00	...	36	305 04
Kitty ...	6 00	...	150 00	...	...	156 00
Mahaica ...	...	5 00	175 00	...	...	180 00
Plaisance ...	1 92	...	150 00	...	2 55	154 47
West Bank ...	1 92	...	450 00	...	...	451 92
Districts without Branches ...	...	...	1,500 00	...	...	1,500 00
	\$24 10	\$243 27	\$ 3,975 00	\$8,526 00	\$ 173 78	\$12,942 15

Statement B.

TABLE OF RECEIPTS, EXPENDITURE AND BALANCE.

District.	Balance on 1st Jan. 1923.	Receipts.	Revenue.	Expenditure.	Balance on 1st Jan. 1924.
Georgetown ...	\$ 1,059 67	\$ 8,697 32	\$ 9,756 99	\$ 8,215 84	\$ 1,541 15
New Amsterdam...	350 64	639 89	990 53	643 51	347 02
Ann's Grove ...	8 60	153 12	161 72	160 00	1 72
Beterverwagting ...	132 92	181 22	314 14	180 83	133 31
Buxton ..	1 09	178 98	180 07	180 07	...
Christianburg ...	14 86	152 02	166 88	150 72	16 16
Den Amstel ...	2 06	192 17	194 23	177 79	16 44
East Bank...	17 97	305 04	323 01	304 56	18 45
Kitty ...	6 53	156 00	162 53	151 47	11 06
Mahaica ...	96	180 00	180 96	175 00	5 96
Plaisance ...	85 49	154 47	239 96	153 68	86 28
West Bank ...	4 24	451 92	456 16	450 00	6 16
Districts without Branches ...	...	1,500 00	1,500 00	1,500 00	...
	\$ 1,685 03	\$12,942 15	\$14,627 18	\$12,443 47	\$ 2,183 71

Statement C.

Detailed Expenditure and Reports of Branch Committees.

GEORGETOWN.

Salaries, Medical Officer	...	...	...	\$1,440 00
Superintendent	...	...	...	960 00
Clerical Assistant	...	...	...	268 48
Travelling	...	...	...	785 12
Postage, freight, etc.	...	...	...	53 89
Drugs	...	...	...	273 13
Uniform, League Nurses	...	...	...	57 07
Printing and Stationery	...	...	...	122 13
Grant to Christianburg	...	...	...	48 00
Grant to Moruca	...	...	...	6 00
Miscellaneous	...	...	...	227 02
				<hr/>
				\$ 4,240 84

NEW AMSTERDAM.

Subsidy, nurse midwife	...	...	...	\$ 434 00
Drugs	...	...	...	6 68
Stationery	...	...	...	14 78
Equipment, clinic	...	...	...	107 50
Miscellaneous	...	...	...	50 55
				<hr/>
				\$ 643 51

Honorary Secretary's Report :—

New Amsterdam Branch is sorry to report the loss through death of Mrs. Cooper who for years had been a useful and interested member of the Committee. Also through the removal of the Rev. J. W. MacGill we lost a member who had rendered service to the League since its inception. The Rev. A. E. Dyett joined as a new member.

The attendances at the clinic were small, due, in part, to the apathy on the part of the mothers. We are hoping that the attendance prize and the presence of the Doctor at the clinic will soon overcome this difficulty.

We tried the experiment of making half a dozen warm little shawls with hoods attached for the use of the babies who have been ill in hospital but who have no warm clothes for when they first come out. These are the property of the League and are to be returned to the Hospital within a fortnight from the time they are given out.

A joint meeting with the Tuberculosis Society was held on August 16th, when the Surgeon General spoke very acceptably to those two Societies who are trying to better things in New Amsterdam.

The Annual Show was held in the Town Hall, on the 29th of November, when about 70 babies competed for 17 prizes. Miss Dargan, Mrs. McAndrew and Drs. Haslam, deFreitas, Field and Johnson kindly acted as judges. Light refreshments were served and high hopes were raised that the interest shown that day would be continued throughout the year.

F. M. MACLEOD.

KITTY.

Subsidy, Nurse-midwife	...	...	...	...	\$ 150 00
Stationery	...	...	...	...	65
Equipment clinic	...	...	...	...	82
					<hr/>
					\$ 151 47

There has been a perceptible improvement in the work done in this district during the past year owing to the interest manifested by Dr. Johnson and Nurse Earle. The latter is steadily gaining confidence and the number of her cases was double that of 1922.

The clinics were also well attended, even during the wet season. There were a few cases of whooping-cough, but no deaths from it. A few, however, died from malaria fever.

R. COLLIER.

PLAISANCE.

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Stationery	...	...	...	56
Equipment clinic	...	...	...	56
Miscellaneous	...	...	...	2 56
				<hr/>
				\$ 153 68
				<hr/>

The work for the past year was steadily carried on and fortnightly clinics were held regularly. In November Nurse Barker resigned and left the Colony for the United States. We would like to take the opportunity of saying that Nurse Barker carried with her the confidence and best wishes of the majority of the Committee. She was employed on two occasions by the families of two members of the Committee who recorded their entire satisfaction with her services.

Nurse Nelson was appointed to the District on November, 15th.

S. CROPPER.

BETERVERWAGTING

Subsidy, Nurse-Midwife	...	...	...	\$ 150 00
Drugs	...	...	...	36
Stationery	...	...	...	24
Equipment clinic	...	...	...	18
Miscellaneous	...	...	...	30 05
				<hr/>
				\$ 180 83
				<hr/>

The work continues satisfactorily. The numbers are increasing rapidly. There have been 396 attendances at clinics during the year 1923 and 33 members on roll.

The young mothers seem to appreciate the usefulness of the League. This was due no doubt to the keen interest and gentle manner of Dr. Johnson and the District Nurse.

The Annual Show was a success as usual, the President introducing a new and popular feature—the giving of toys to babies who did not succeed in winning prizes.

M. RICHMOND.

ANN'S GROVE,

Subsidy, Nurse-midwife	...	...	...	\$ 150 00
Equipment clinic	...	...	...	10 00
				<hr/>
				\$ 160 00
				<hr/>

Clinics were held once a month during the period under review by the League's Medical Officer, Dr. R. F. Johnson. The average attendance was 17.

Through the indefatigable effort of the Medical Officer, a Baby Show was held during the month of August. The Show was in every respect a great success. Dr. Ramdeholl, Government Medical Officer, Mahaica, and Mesdames Brown and Walcott delivered suitable addresses to the mothers.

A band of music enlivened the proceedings.

The number of babies on the roll totalled 36.

The League Nurse, Mrs. Jane Goddard, gave general satisfaction and continues to enjoy the confidence and respect of all.

EAST BANK.

Subsidy, Nurse-Midwives ...	...	...	\$ 300 00
Milk ...	...	...	4 32
Miscellaneous ...	...	...	24
			<hr/>
			\$ 304 56

Considering the size of the District the attendance is usually disappointly small, though *some* of the mothers are very regular and presumably recognise that the clinics are meant to help *them*.

The membership fee is so small, compared with benefits received, that it is to be deplored that, in many cases the so-called members make no effort to meet their obligations in this respect. Ruimveldt is particularly negligent.

It should be placed on record, to be noted by the Sanitary Authorities, that milk supplied for a month to one baby had to be ordered from the East Coast; the milk supplied by the coolies on the East Bank was too much adulterated.

One regrets the cessation of Dr. Johnson's visits to the East Bank clinics. He has always been so keen, and taken such a real interest in each mother and baby that he will be very much missed,

M. H. JOSA.

DEN AMSTEL.

Subsidy, nurse-midwife ...	...	...	\$ 150 00
Stationery ...	...	...	3 02
Baby Show, etc. ...	...	...	24 77
			<hr/>
			\$ 177 79

The clinics at Den Amstel and Windsor Forest of the Den Amstel Branch of the Baby Saving League were regularly held during the year under review.

Dr. G. W. Boase having obtained leave of absence, Dr. Pereira served us. Our President, the Rev. T. B. Glasgow, who returned to the colony during the year, did not resume duties, which were still performed by the Rev. W. A. Deane, Acting President.

The League was fortunate in obtaining the services of Mrs. Frances M. Booth as a member of the committee. Her usefulness was marked. The Annual Baby Show, which should have been held in December, was held on the 8th January, 1924, when Dr. P. James-Kelly, Surgeon-General, and Mrs. Kelly were present. Mrs. Kelly and Mrs. Brown acted as judges and Mrs. Kelly gracefully presented prizes to all the babies present.



TABLE I.
 INFANTILE MORTALITY.
 RATE PER 1,000 BIRTHS.
 Whole Colony and each Race.

Year.	Whole Colony.	European.	Portuguese	East Indian.	Chinese.	Black	Mixed.
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126
1923	177	56	205	179	77	136	186

TABLE 2.
 INFANTILE MORTALITY.
 RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144
1923	190	188

TABLE 3.
BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.			
	Live Births.	Still Born.	Registration Area.		City Area.	
			Live Births.	Still Born.	Live Births.	Still Born.
1912	9,894	862	1,825	195	1,562	175
1913	10,515	885	1,708	182	1,632	176
1914	10,662	943	1,790	193	1,641	188
1915	9,766	837	1,570	172	1,464	168
1916	8,326	706	1,411	141	1,342	138
1917	8,933	755	1,555	144	1,461	137
1918	7,791	751	1,456	163	1,445	137
1919	7,938	658	1,555	161	1,502	136
1920	9,788	796	1,763	205	1,616	173
1921	10,287	892	1,817	228	1,716	185
1922	8,274	797	1,692	212	1,612	174
1923	9,109	845	2,025	267		223

TABLE 4.

Cases attended by the League Midwives.

Districts.	Births.	Deaths of Mothers	Deaths of Infants.	Still Births.
Adelphi	56	1	5	6
Agricola	79	0	0	3
Ann's Grove... ..	82	1	6	2
Aurora	23	0	1	1
Bagotville	54	0	3	5
Belfield	47	0	5	2
Belladrum	67	1	1	3
Beterverwagting	53	0	0	5
Bloomfield	48	0	2	2
Buxton	6	0	0	1
Christianburg	47	1	2	4
Den Amstel	29	0	1	3
Fort Wellington	6	0	0	1
Good Intent... ..	27	0	2	0
Kitty	49	0	9	4
Mahaica	30	0	1	2
Mahaicony	124	2	7	6
Moruca	22	0	0	0
New Amsterdam	47	1	1	1
Plaisance	16	0	1	1
Pomeroon	12	0	0	0
Pouderoyen	61	1	0	4
Queenstown	69	0	2	2
Ruimveldt	82	0	0	6
	1,136	8	49	64
*C of Georgetown	247	0	8	12
Total	1,383	8	57	76

*Attended by the Government outdoor Midwives attached to the Public Hospital Georgetown.

TABLE 5.

Percentage of Total Deaths in each year to those dying under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7
1923	8,468	1,609	19.0

TABLE 6.

Causes of Infant deaths with number and percentage due to each cause from 1919-1923.

Cause.	1919.	1920.	1921.	1922	1923.
Malaria	No. ... 228	200	301	300	252
	Per ct. 15.5	13.8	15.0	19.5	15.1
Diarrhoea	No. ... 232	247	324	232	267
& Enteritis	Per ct. 15.8	17.0	16.2	14.4	16.6
Syphilis	No. ... 15	24	47	27	31
	Per ct. 1.0	1.7	2.3	1.8	1.9
Bronchitis &	No. ... 127	133	233	134	150
Pneumonia	Per ct. 8.6	9.2	11.6	8.7	9.3
Premature	No. ... 268	234	338	279	333
Birth.	Per ct. 18.2	16.1	16.9	18.2	20.7
Infantile	No. ... 338	396	454	387	377
Debility	Per ct. 23.0	27.3	22.7	25.2	23.4
All other	No. ... 261	219	305	188	199
Causes	Per ct. 17.8	15.0	15.2	12.2	12.4
Tota ...	1,469	1,453	2,002	1,537	1,609

TABLE 7.

Nurses Cases, 1916—1923.

DISTRICTS.	1916	1917	1918	1919	1920	1921	1922	1923
1. Adelphi ... ..	...	...	...	...	...	55	48	56
2. Agricola	52	63	56	59	61	74	54	79
3. Ann's Grove	18	3	6	...	10	57	51	82
4. Anna Regina	25	79	59	34	32	Trans-ferred to Estate Hospital	...	...
5. Aurora	6	27	21	20	31	32	27	23
6. Bagotville	15	15	15	16	22	35	46	54
7. Belfield ... ..	...	32	27	29	26	35	32	49
8. Belladrum ... ..	...	...	...	...	...	...	35	67
9. Beterverwagting... ..	5	37	31	40	40	45	33	53
10. Bloomfield ... ..	...	...	...	...	...	..	20	48
11. Buxton	31	45	24	23	24	29	17	6
12. Canal No. 1 ... ..	...	...	...	...	...	22	...	...
13. Christianburg ... ..	...	30	26	18	36	31	25	47
14. Danielstown ... ..	...	...	5	9	7	7	...	...
15. Den Amstel	1	1	4	5	1	7	20	29
16. Good Intent	34	39	45	21	21	32	30	27
17. Kitty ... ..	...	...	5	5	12	18	22	49
18. Leguan ... ..	...	8	2	..	...	...	...	..
19. Mahaica ... ..	...	27	16	6	...	15	22	30
20. Mahaicony ... ..	...	76	35	25	46	81	66	124
21. Moruca ... ..	...	10	10	8	8	4	18	22
22. New Amsterdam	44	33	32	44	55	59	67	47
23. Plaisance	2	14	11	18	25	30	24	16
24. Pomeroun ... ..	...	14	6	11	11	15	9	12
25. Pouderoyen	60	37	53	41	51	60	52	61
26. Queenstown ... ..	...	...	...	...	...	1	55	69
27. Rose Hall	8	8	9	2	12	12	...	...
28. Ruimveldt	53	43	45	36	62	72	92	82
29. Springlands ... ..	...	12	8	6	8	...	...	...
30. Stewartville	3	3	...	...	...	...	...	...
31. Tuschen ... ..	...	1	12	14	14	...	...	...
32. Fort Wellington ... ..	...	...	...	...	...	...	...	6
* Georgetown	357 171	657 164	563 138	490 173	615 150	808 204	870 186	1136 247
	528	821	701	663	765	1012	1056	1383

*Attended by the Government outdoor midwives attached to the Public Hospital, Georgetown.

TABLE 8.

Cases attended by League Nurses.					Cases attended by Outdoor Midwives attached to P. H. G.			
Year.	Cases.	Mothers deaths.	Infants deaths.	Still births.	Cases.	Mothers deaths.	Infants deaths.	Still births.
1916	357	2	17	18	171	0	0	0
1917	657	7	43	29	164	0	7	6
1918	563	10	29	60	138	0	4	4
1919	490	6	24	37	173	0	3	6
1920	615	6	26	62	150	0	1	8
1921	808	18	30	70	204	1	5	7
1922	870	6	25	56	186	0	3	9
1923	1,136	8	49	64	247	0	8	12

CLINICS HELD AND VISITS PAID TO DISTRICTS.—TABLE 9.

District.	January		February		March		April		May		June		July		August		Sept.		October		Nov.		Dec.		Jan.-Dec.		
	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	C.	V.	
Adelphi	...	0	...	0	...	0	...	0	...	0	...	1	1	...	...	...	...	...	...	...	1	1	...	...	2	2
Agricola	1	0	...	0	...	1	0	...	1	0	...	1	0	...	2	2	...	...	...	...	2	0	...	...	23	4
Ann's Grove	0	11	1
Aurora	...	0	...	0	...	1	1	...	2	0	...	2	1	...	1	1	...	...	...	...	...	0	...	...	2	2
Bagotville	1	1	2
Belfield	2	2
Belladrum	5	3
Betervwagting	2	0	...	0	...	2	0	...	3	0	...	1	0	...	2	0	...	...	...	...	1	0	...	...	24	2
Bloomfield	0	1	2	2
Buxton	3	0	...	0	...	2	1	...	2	1	...	0	0	...	2	0	...	...	...	...	0	1	...	...	20	1
Christianburg	2	1	...	0	...	2	0	...	2	0	...	0	0	...	2	0	...	...	...	...	1	1	...	...	19	1
Den Amstel	3	0	...	0	...	2	1	...	2	1	...	2	0	...	2	0	...	...	...	...	2	0	...	...	25	2
Good Intent	2	0	...	1	...	1	1	...	1	1	...	2	0	...	2	0	...	...	...	...	1	1	...	...	16	4
Kitty	2	0	...	2	...	2	0	...	2	...	...	2	0	...	3	0	...	...	...	...	2	0	...	...	25	2
Mahaica	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	3	4
Mahaicony	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	3
Moruca	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1
New Amsterdam	3	0	...	0	...	4	0	...	4	0	...	4	0	...	1	5	...	...	...	...	...	...	...	...	48	2
Plaisance	2	0	...	1	...	2	0	...	3	0	...	2	0	...	2	0	...	...	...	...	...	...	...	...	24	1
Pomeroon	1	1
Pouderoyen	2	0	...	1	...	2	0	...	2	0	...	2	0	...	3	0	...	...	...	...	...	...	...	...	25	2
Queenstown	2	2
Ruimveldt	3	1	...	1	...	2	0	...	2	1	...	2	0	...	1	1	24	3
Town Hall	5	0	...	4	...	4	0	...	5	0	...	4	0	...	5	0	50	0
Windsor Forest	2	0	...	2	...	2	0	...	2	0	...	2	0	...	2	0	22	1
	36	3	29	6	35	5	35	4	35	6	30	3	38	10	42	4	36	2	38	1	28	4	18	2	400	50	
	39		35		41		39		41		33		48		46		38		39		32		20		450		





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THE BRITISH GUIANA

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THE ELEVENTH ANNUAL REPORT, 1924.

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INFANT WELFARE AND MATERNITY LEAGUE, BRITISH GUIANA.

ELEVENTH ANNUAL REPORT 1924.

In conformity with the custom prevailing in other parts of the Empire, this Society now styles itself the Infant Welfare and Maternity League in place of the former Cognomen—the Baby Saving League.

As most of you are aware, the League was originally founded under the auspices of Lady Egerton in 1914—Baby clinics however had been in operation at the Public Hospital, Georgetown, some years previously through the initiative of Dr. Craigen and with the help of the Medical staff of the Hospital.

None of us nowadays questions the necessity that exists for such a Society not only in this Colony but the World over. That previous heads of the Medical Service long ago recognised this necessity is seen in the words quoted by the late Dr. Grieve, Surgeon General, as far back as 1889 and reproduced in the First Annual Report of this League :—

“ Thus of the children 26 per cent. die before they attain the age of five. This, in a country where climatic conditions are peculiarly favourable to infant life, is sufficient indication of the necessity of improvement in sanitation,” etc.

Sir Joseph Godfrey, when Surgeon General remarked in 1903 :—

“ There can be only one Conclusion, and that is that the Infantile Mortality of the whole Colony is excessive, but for the city of Georgetown it is appalling. The time has certainly arrived for active steps to be taken to reduce the terrible loss of infant life.”

In that year the Infantile Mortality was as follows :—

Whole Colony	205 per 1,000
Georgetown	334 per 1,000
New Amsterdam	137 per 1,000

In 1924 the Infantile Mortality was as follows :—

Whole Colony	165 per 1,000
Georgetown	176 per 1,000
New Amsterdam	Not available

These figures at least offer conclusive proof of enlightenment and progress in the cause of Infant Welfare.

The various Annual Reports of the League record steady, if not rapid, progress in the efforts of the Committee to advance matters generally for the good of the infants and their mothers.

There has been a steady addition to the number of our League nurses. Thus, whereas in 1914 there were only 4 nurses employed in Georgetown and three in the Country, to-day there are employed

by the League no less than 38, and they are operating and doing good work from Skeldon on the Corentyne to Moruca in the North West. This number includes the 12 additional nurses provided on the 1924 estimates.

The applications received during the year for additional midwives from various districts of the Colony have been numerous and it is regretted that insufficiency of funds precluded the possibility of complying with these requests. At least 6 additional nurses are required in order to more adequately conduct Infant Welfare work in remote areas, and it is hoped that the Government will see its way to provide additional funds for this purpose on the 1926 estimates.

Soon after the League started in 1914, a Lady Superintendent, Miss Cumming, was employed. On her resignation, or soon after, the League was fortunate to obtain the service of Dr. Ethel M. Minett. On the latter leaving the Colony, Dr. Johnson was appointed to act and was subsequently confirmed as Medical Officer to the Georgetown section of the League.

During last year Miss Nurse was appointed Inspector of Midwives and Superintendent of Health Visitors conjointly with the Tuberculosis Society—an appointment so far well justified,

The Government at the outset allowed the League a sum of \$2,000 per annum. To-day they provide us with \$12,086 per annum for the Infant Welfare and Maternity League and in addition \$4,800 per annum for the Creche. The League, I think you will agree, has no cause for complaint with this Government, rather does it seem to encourage us to ask for more.

I am pleased to be able to report that the Town Council of Georgetown has consented to take over the management of the Creche and Infant Welfare and Maternity work in the Municipal area. This is a step eminently satisfactory from every point of view, and the Council is to be congratulated for having boldly undertaken to shoulder its responsibilities in conformity with the custom of all self-respecting Municipalities. The League will now be able to devote its whole attention to the Country districts without hindrance or overlapping.

It is sincerely to be hoped that the general public will try to emulate the generosity of the Government and give far more liberally to the funds than they have hitherto done.

Our drug bill amounts to £100 more or less and attention has had to be called to Medical Officers to curtail, consistent with efficiency the use of drugs as much as possible, owing to the very small amount of money available at present for this purpose.

At the same time the mothers should be taught that the League is not in the nature of a "Doctor's shop" as too many of them appear to imagine, but rather that it exists emphatically and mainly to prevent the necessity of pouring nauseous drugs down their dear little offsprings' throats. Surely an infant's stomach was not intended to acquire the wicked habit of endeavouring to assimilate all kinds of horrid medicines! The Medical Profession is largely occupied to day in trying to wean the adult

world from indulging in this dreadful habit, and by the substitution of reasonable habits of personal hygiene, judicious feeding and sanitation to abstain from such methods. To-day the vitamin contents of infant and adult foods has become a science of itself, and many of the diseases of infant and adult life due to faulty feeding are becoming things of the past,

O 1,592 cases attended by the League nurses during the year statistics obtained show the following rates:—

Maternal deaths	...	13.8 per 1,000
Infants' deaths	...	52.1 per 1,000

85 still-births were reported.

The Infantile Mortality for 1924 as previously stated, was 165 per 1,000 for the whole Colony and 176 per 1,000 for the city of Georgetown.

The usual statistical tables are appended.

Baby Shows were held at New Amsterdam, Beterverwaging, Buxton and Bagotville. These Shows are certainly looked forward to by the mothers, and by their means many are induced to join the League.

Unfortunately the collection of members' subscriptions shows signs of lack of vigour. No mother should be entitled to participate in the advantages of the League unless she pays the subscription—only a shilling a year, and she gets so much in return.

Tables giving particulars of the Finances of the League are appended.

As tending to show that many of the people in this Colony are willing to profit by teaching and example, let me again quote from the First Annual Report of this League:—

“In her reports the Superintendent (Miss Cumming) comments on the cleanliness of the homes and babies and the noticeable absence of the under-fed and neglected babies found in the London areas.”

Miss Cumming was speaking from intimate knowledge of these places, as she was a Health Visitor in the Finsbury District of London for three years. At the same time Miss Cumming has to record the almost universal presence of the bottle in the home and the presence of “bush” and aniseed tea in the bottles.

To-day I can safely say that breast-feeding is much more in evidence than at the time of which Miss Cumming speaks—undoubtedly a result of the League's clinics and educational propaganda.

The “Grannie-middies” are still too much in evidence. Most of them, however, are more or less ancient and one can well imagine that the Colony is within measurable distance of a happy release as a result of senile decay. They have lived their day and no doubt done their little best—they call for our pity and not any unforgivable condemnation.

The Creche has continued to do most useful work, and it is evident that the number of children attended to there could be doubled, were there sufficient accommodation. The Treasurer has been very energetic in helping to collect funds for a building of our own—or rather for the Town Council, we hope.

This building, I feel sure, under the paternal care of His Worship the Mayor and Town Council, is destined to form a very important feature in the future child life of Georgetown. Besides exercising a motherly and fatherly eye over young children whose parents are at work during the day, it will serve as the centre for Infant and Maternal Clinics for the town, and doubtless imbue the children with the ideas necessary to make them become useful citizens, if not worthy Town Councillors.

Lectures on Mothercraft, etc. have been given throughout the year by the Medical Officer for the Georgetown Branch and a series of lantern slides exhibited. These latter are always highly appreciated.

A word of thanks, appreciation and praise is due to District Medical Officers of the Government Medical Service who during the year have performed their voluntary duties with efficiency and zeal.

Thanks and appreciation are also due to members of the committees in Georgetown, New Amsterdam and other parts of the Colony for the good services they have rendered in the cause of the Infant Welfare and Maternity League.

P. JAMES KELLY,

President,

Infant Welfare and Maternity League.

INSPECTOR OF MIDWIVES' REPORT, 1924.

Mr. President, Ladies and Gentlemen.

I have the honour to submit the following report for the year 1924.

Monthly and fortnightly clinics have been held in the various districts by the respective Government Medical Officers. The attendances have been steadily improving at the majority of these centres and the mothers are beginning to realise that these clinics are organised not only for the purpose of treating sick and ailing infants but also for imparting knowledge in mothercraft. This is a very important aspect of Infant Welfare work in the Colony, as the "grannies" in each of the districts still hold a sinister influence in advising mothers in the use of bush medicines and other harmful remedies.

These bush remedies very often do irreparable harm to some of the infants. While many of these medicines might have a beneficial effect, they are ignorantly prepared and carelessly administered.

The ante-natal clinics have been successful only in a few of the districts and more attention is required in this direction of the work.

The maternal death-rate amongst the League nurses' cases has been 13.8 per 1,000.

There is no doubt some of the mothers and also their babies might have been saved, had they taken advantage of medical advice at the ante-natal clinics or sought the services of the League nurse in time.

I would suggest that some propaganda work be done in this respect not only among the expectant mothers but also among the midwives who, actuated by a spirit of rivalry against the League nurses, use their influence in preventing the mothers from attending the clinics.

I would particularly like to impress on these midwives that the mothers who attend our clinics are free to engage the services of any certified midwife in their district.

Infant welfare work has been greatly extended and we hope to achieve even better results during this year.

Twelve additional midwives have been appointed within the current year—seven for the county of Demerara, three for Berbice and two for Essequibo. These nurses have contributed to the development of their districts and have also been the chief means of preventing the spread of the practice of midwifery by uncertified women. An adequate supply of trained midwives for each district will eventually overcome this difficulty. Efforts are being made to encourage the "grannies" to turn their attention to becoming home-helps, for which they are generally more suitable during the lying-in-period.

I regret to state that our efforts in this direction have not been altogether successful, as the majority of these persons are reluctant to give up the position they formerly held.

There has been a total number of 1,592 cases managed by the League nurses for the year.

The infantile death-rate for this period was 52.1 per 1,000 and the rate of still-births 53.3 per 1,000.

The majority of these infants died of prematurity and congenital debility. There are no facilities for the treatment of venereal disease at clinics in the districts. These cases are usually recommended to Georgetown Hospital for treatment.

There have been four successful Baby Shows held during the year at New Amsterdam, Beterverwaging, Buxton and Bagotville respectively.

Our thanks are due to the managers of estates and of primary schools and to the Village Councils in the various districts who placed their buildings at the disposal of the Government Medical Officers for the purpose of holding their clinics, and also to the ladies and gentlemen comprising the various committees for their assistance. In this latter connection, I desire specially to draw your attention to the kindly action of Mrs. George, Mahaica, and Mrs. R. Pasea, Aurora, who placed a portion of their residences for the purpose of holding clinics.

The Annual Meeting was held on July 7th, 1924, in the Town Hall under the patronage of His Excellency Sir Graeme and Lady Thomson.

Three medals, one for each county, have been granted by the Georgetown committee for the best Infant Welfare and Maternity work. These medals will be conferred annually.

I have the honour to be

Your obedient Servant,

V. E. NURSE,

Inspector of Midwives.

ANNUAL REPORT FOR THE CITY OF GEORGETOWN, 1924.

Mr. President, Ladies and Gentlemen.

During the year under review, the name "Baby Saving League" was altered to "Infant Welfare and Maternity League" and the activities of the Medical Officer, Dr. Fitzherbert Johnson, were confined to Georgetown from the 15th of January. The Superintendent, Mrs. McAndrew, was associated with him in the work of the clinics.

The Georgetown work is spread over 3 centres. The largest includes 4 wards—Charlestown, Albuoystown, Werk-en-Rust, Wortmanville, and the clinics are held in the Broad Street Dispensary; the next 6 wards—Kingston, North Cumingsburg, South Cumingsburg Alberttown, Queenstown, Bourda, and the Clinics conducted at the Hospital; the smallest takes in Lacytown and Stabroek, and the clinics are conducted in the Municipal pay room.

Just here I should like attention drawn to the poor and inconvenient accommodation offered. At the Town Hall there is no privacy whatever, and the room opens into the office of the Municipal Constabulary, where there are always men on duty. At the Hospital there is not sufficient accommodation for the numbers attending.

The following table shows at a glance the amount of work done as compared with the previous year :—

Year	Infants Attending Clinic	Total Attendances by these Infants
1923	558	2,679
1924	1,322	4,859

Of the 1,322 infants who attended the clinic in 1924 there died 82, giving a death-rate of 62 per thousand on the clinic roll in Georgetown.

Of the number of cases treated at the centres

18.3	per cent.	suffered from	Pulmonary Diseases.
14.4	"	"	" Congenital Syphilis
14.3	"	"	" Enteritis & Diarrhoea.
6.9	"	"	" Malaria.
3.3	"	"	" Skin Diseases.
.9	"	"	" Ophthalmia.
.3	"	"	" Rickets.
41.6	"	"	" Other Causes.

27. expectant mothers attended the ante-natal clinics; of these 6 have reported themselves at the infant clinics. I might point out that there is no accommodation for such work at the Town Hall Centre.

Two courses of lectures and demonstrations in Mothercraft were held for the year for pupils from St. George's Anglican School and St. Stephen's Scots School. The interest manifested and the work done were encouraging and creditable. Certificates have been awarded to the following :—

Miss Millicent Walker,	78.0%
Miss Catherine Sampson,	56.5%
Miss Gwendoline Spencer,	81.0%
Miss Millicent Maynard,	78.0%
Miss Nellie Harte,	77.0%
Miss Valerie Gibbs,	75.0%

These lectures are given at the Creche, and the Medical Officer is assisted by Assistant Matron Cox who gives the practical demonstrations. Our thanks are due to Miss Nurse, Inspector of Midwives, and Mrs McAndrew, Secretary, for assisting with the practical portion of the examination at the end of each quarter.

A public lecture was delivered at the Broad Street centre.

The work at the Creche has been uniformly steady and good. The attendances for the year totalled 8631. 7 children reached the age limit of 5 years when their places were immediately filled. There was 1 death in Hospital for the year from pneumonia.

The number of applications continues to be pressing, and we have been compelled to turn away many worthy and necessitous cases because of lack of accommodation.

The Staff has been the recipient of a letter of appreciation and thanks from one of the mothers whose child has been admitted to the Plaisance Orphanage.

The health of the children has been up to standard and we were free from any epidemics.

We had much trouble at the beginning of the year with our milk supply, and of 9 samples sent up for examination by the Government analyst 2 in one month were adulterated. A prompt change in the supply was affected.

The staff, who worked devotedly, remained the same until April when Nurse Osborne was promoted to service in the Tuberculosis Society ; she has our best wishes.

Mrs Chester W. Davis still continues her interest in our work, and at Xmas the children were specially regaled with gifts and toys, for which we thank her.

We were honoured at the annual Xmas Tree with the presence of Lady Thomson who expressed satisfaction with the work of the Crêche. On the occasion Lady Thomson was asked to present Mrs. McAndrew, who has filled the position of Secretary to the Creche Committee a few times, with a token of appreciation from the Staff.

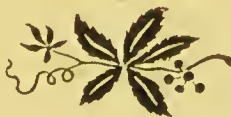
I have the honour to be,

Your obedient Servant,

R. FITZHERBERT JOHNSON,

Medical Officer,

Infant Welfare and Maternity League,
Georgetown.



Infant Welfare and Maternity League Creche Financial Statement, 1924.

1. 1. 24	To Balance brought forward	...	\$ 684 10
	„ Interest on Savings Bank	\$ 9 22 } 10 59 }	
	Government Grant	...	19 81
		...	4,800 00
			\$5,503 91

Amounts Expended

By Salaries	...	...	\$ 1,661 50	
„ Rent	...	...	300 00	
„ Dietary (Milk & Eggs			1,691 69	
			\$891 56)	
„ Miscellaneous, including Uniform,			Light, Equipment, Drugs, etc.	287 06
„ Transferred to Creche Building			Fund	...
			...	500 00
			Balance 31. 12. 24.	\$ 4,440 25
				1,063 66
				\$ 5,503 91

CRECHE BUILDING FUND.

1. 1. 24.	Government Bonds	...	\$ 1,500 00
	Royal Bank of Canada Savings Bank	...	837 68
	Interest, Government Bonds	...	90 00
	Interest, Royal Bank of Canada Savings	...	37 97
	Bank	...	...
	Donation from Infant Welfare and	...	400 00
	Maternity League Funds	...	500 00
	Donations from Creche Funds	...	...
	Government Bonds	\$1,500 00 }	Balance
	R. B. C. Savings Bank	1,865 65 }	31.12.24.
			\$ 3,365 65

I hereby certify that the above statement is correct.

(Sgd.) HARRY BAMFORD,
Treasurer,
Infant Welfare & Maternity League.

Statement of Receipts and Expenditure, Infant Welfare and Maternity League, 1924.

1924.	RECEIPTS.	1924.	EXPENDITURE.	
1. 1. 24.	To balance on hand	\$ 1,541 15	By paid Salaries Medical Officer	\$ 1,440 00
	„ Grants from		Superintendent	795 00
	Government ...		Inspector of Midwives	450 00
	Grant Midwives	7,080 00	Districts Secretary	350 00
	„ Medical Officer	1,440 00	Subsidies to Midwives	5,440 52
	„ General		Grant to New Amsterdam	
	„ Purposes	2,486 00	Centre	500 00
		11,006 00	Travelling and Subsistence	1,219 97
	Donations Davson		Drugs	637 87
	Research Fund		Uniforms	363 30
	Interest	286 98	Printing & Stationery	263 51
	Donations Collected		Postage & Freights	56 05
	at Annual Meeting	45 18	Miscellaneous...	767 06
	Donations Dr. P.		Balance 31. 12. 24.	892 13
	James Kelly	12 00		
	Donations Barbica			
	Cinema	6 72		
		350 88		
	Miscellaneous			
	Receipts : Sale of	104 18		
	Midwifery Bags, etc. }			
	Membership fees:			
	Districts	173 20		
		173 20		
		<u>\$13,175 41</u>		<u>\$13,175 41</u>

HARRY BAMFORD,
Hon. Treasurer.

REPORTS OF BRANCH COMMITTEES.

NEW AMSTERDAM.

Salary, nurse-midwife	...	...	...	\$ 459 00
Stationery	...	...	...	17 84
Equipment, clinic	...	...	...	164 54
Miscellaneous	...	...	...	91 76
				\$ 733 14

The New Amsterdam Branch of the Infant Welfare and Maternity League report a successful year's work. There have been some changes in the personnel of the Committee. To the great regret of the Committee the Secretary, Mrs. G. D. MacLeod, was obliged to resign owing to her departure from the Colony. Mrs. MacLean who rendered valuable service in the Rose Hall District has also left the Colony. We have however added to our number Mrs. Wilkes, Miss Cameron, Mrs. Issacs and Dr. Payne.

In January of the past year the District of the New Amsterdam Branch was enlarged to include the whole of the Canje-Highbury District, under the control of the Government Medical Officer, Dr. deFreitas, and three League midwives.

During the year three Mothers' meetings were held addressed by Mrs. F. Nichol, Dr. DeFreitas and Dr. Harper.

The clinics have on the whole been well attended.

In September the annual Public Meeting was held. The Surgeon General spoke very acceptably and reports were received. The Annual Baby Show was held in the Town Hall on November 25th and was very well attended, there being 95 babies present. Drs. R. F. Johnson, deFreitas and Payne, Mrs. F. Nichol, Mrs. Hunter, and Miss Nurse acted as judges. Light refreshments were served. The Committee were much encouraged by the attendance and the interest shown.

For the new year, 1925, we are hopeful of an even greater measure of success.

F. E. RATTEE,
Honorary Secretary.

KITTY.

Subsidy, Nurse-Midwife	...	...	...	\$ 168 00
Stationery	...	...	...	43
				\$168 43

The clinics continue to be well attended and the advice and help given much appreciated. Nurse Earle went on leave to the United

States early in the year and retired at the end of her leave. Nurse Moore who acted for her and has since been appointed to the district is steadily winning favour and the confidence of the mothers.

R. COLLIER.

PLAISANCE.

Subsidy, Nurse-Midwife	...	...	...	\$ 168 00
Miscellaneous	...	...	...	1 92
				<hr/>
				\$ 169 92
				<hr/>

The work of the League in this district is greatly hampered by the persistent practice of unregistered women. Every effort is being made to remedy this evil.

During the past year 1,115 health visits were paid by the League nurse to infants and expectant mothers. No Committee meetings were held.

The work is progressing slowly and we hope for better results this year.

J. R. S. MINGO.

BETERVERWAGTING.

Subsidy, Nurse-Midwife	...	...	...	\$ 168 00
Stationery	...	...	...	50
Equipment, clinic	...	...	...	08
Baby Show	...	...	...	25 00
				<hr/>
				\$ 193 58
				<hr/>

During the year under review, Mrs. Clarke, the energetic and popular President of this Branch of the League, was away on furlough for several months. The Rev. H. W. Grant acted and the other members of the Committee with him carried on and successfully brought off the Annual Baby Show in May. We are greatly indebted to the Central Committee, the Surgeon General and the several ladies who kindly acted as judges.

The removal of Mrs. Richmond to Georgetown is a distinct loss to the Branch, as she was a most capable Secretary.

The District nurse, Miss M. Simpson, was on leave from January to April, during which period Nurse Hoppie acted. Between these two nurses 88 cases were taken and 22 clinics held. There were 263 attendants, 13 of whom were treated. 7 expectant mothers were seen.

Mrs. Clarke returned from furlough at the close of the year and resumed office.

H. W. GRANT.

BUXTON BRANCH

Sudsidy, Nurse-Midwife	...	...	...	\$ 168 00
Baby Show	...	...	...	25 00
				<hr/>
				\$ 193 00
				<hr/>

Fortnightly clinics were held at Buxton throughout the year.

Nurse Perry was sent to Golden Grove on December 1st to start a branch of the League in that district. Nurse Persick was then appointed to the Buxton branch. This nurse had previously been the League nurse in this district and had done good work here.

A fairly successful Baby Show was held in July.

L. T. EGG,

MAHAICA BRANCH.

In March, 1924, Dr Ramdeholl, Government Medical Officer started a clinic at Supply, Mahaica, when 12 babies attended. These clinics have since been regularly held and the attendances have steadily increased. I consider that the people in the district are beginning to realise their value and are taking more interest in them.

On the whole the babies are strong, but some are undernourished, due to poverty of the mothers. I think that something should be done to relieve deserving cases of this kind. In one instance we succeeded in obtaining Poor Law Relief for an East Indian mother of twins belonging to our clinic. We are glad to say that the children have increased in weight and are doing well.

V. GEORGE.

WEST BANK

Subsidy, Nurse-Midwives	...	...	...	\$ 504 00
Baby Show	...	...	...	59 08
				<hr/>
				\$ 563 08
				<hr/>

At the beginning of the year under review, the work of the League on the West Bank was not as prosperous as might be desired, but through the untiring zeal of Dr. Wills, Government Medical Officer, there came rapid improvement and a great measure of success was obtained.

A Committee was formed in each of the districts and the members did all they could to further the aims of the League.

Clinics were held regularly and were fairly well attended.

A successful Baby Show was held on the 25th August, when 63 babies attended and 32 prizes were awarded.

K. AUSTIN.

DEN AMSTEL

Subsidy, Nurse-Midwife	...	...	...	\$ 168 00
Stationery	...	...	...	32
Miscellaneous	...	...	...	24
				<hr/>
				\$ 168 56
				<hr/>

Dr. La Frenais, Government Medical Officer, having gone on leave, Dr. J. B. Singh filled his place. The acting President returned to the Colony after four months' absence. It is with much regret that we record the death of the President and founder of the Den Amstel Branch of the Infant Welfare and Maternity League after a protracted illness borne with remarkable patience and resignation. The acting president was promoted to the Presidency.

Clinics were regularly kept at Windsor Forest and Den Amstel. Impetus having been given by Dr. Singh who was punctual and regular at these clinics, there was an increase in the attendance.

The members of the Committee worked exceedingly well and Nurse Barker performed her duties satisfactorily.

W. A. DEANE.

VERGENOEGEN

Early in last year it was found necessary to establish a Branch of the League in the Philadelphia-Leguan district. Dr. Boyce, Government Medical Officer, organised the work and his successor, Dr Pereira maintained interest in the movement. A Committee of Management was appointed and Mrs. Smith elected President.

The nurse is stationed at Vergenoegen, but the neighbouring villages receive her attention as well. With respect to these she pursues a method of "general inquiry".

The influence of the grannies in this district is still very great.

TABLE I.
INFANTILE MORTALITY

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year.	Whole Colony.	European.	Portu- guese	East Indian.	Chinese.	Black	Mixed.
1881-85	197	147	221	128	148	203	229
1886-90	193	183	221	160	160	210	219
1891-95	217	185	263	208	172	225	222
1896-1900	187	88	247	159	122	215	211
1901-05	190	134	236	163	101	218	191
1906-10	220	83	255	219	138	237	196
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126
1923	177	56	205	179	77	136	186
1924	165	44	163	163	171	172	146

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year.	City of Georgetown.	Town of New Amsterdam.
1881-85	311	
1886-90	318	
1891-95	330	
1896-1900	301	
1901-1905	297	172
1906-1910	297	252
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144
1923	190	188
1924	176	178

TABLE 3.

BIRTHS.*Whole Colony and Georgetown.*

Year.	Whole Colony.		Georgetown.			
	Live Births.	Still Born.	Registration Area.		City Area.	
			Live Births.	Still Born.	Live Births.	Still Born.
1912 ...	9,894	862	1,825	195	1,562	175
1913 ...	10,515	885	1,708	182	1,632	176
1914 ...	10,662	943	1,790	193	1,641	188
1915 ...	9,766	837	1,570	172	1,464	168
1916 ...	8,326	706	1,411	141	1,342	138
1917 ...	8,933	755	1,555	144	1,461	137
1918 ...	7,791	751	1,456	163	1,445	137
1919 ...	7,938	658	1,555	161	1,502	136
1920 ...	9,788	796	1,763	205	1,616	173
1921 ...	10,287	892	1,817	228	1,716	185
1922 ...	8,274	797	1,692	212	1,612	174
1923 ...	9,109	845	2,025	267	1,883	223
1924 ...	9,725	822	1,978	211	1,862	173

TABLE 4
CASES ATTENDED BY LEAGUE NURSES.

DISTRICT.	NURSE.	No. Cases.	Still Births.	Infants' Deaths.	Mothers' Deaths.
Kitty	M. Earle (4 mos.) ...	12	1	1	0
	L. Moore (8 mos.) ...	19	1	1	1
Plaisance	H. Nelson ...	18	3	1	0
	A. Hoppie (4 mos.) ...	33	6	6	1
Beterverwagting ...	M. Simpson (8 mos.) ...	55	2	1	2
	D. Perry ...	16	0	0	0
Buxton	C. Jordan ...	48	2	2	0
Belfield	J. Goddard ...	83	4	3	0
Ann's Grove	L. Glen ...	34	3	4	1
Mahaica	R. Collins ...	50	3	2	2
Mahaica	U. Beaton ...	70	0	3	0
Mahaicony	M. Thomas ...	65	1	4	1
Belladrum	L. Hazlewood ...	55	2	3	0
Fort Wellington...	M. Gray ...	41	1	1	0
New Amsterdam ...	A. Smith ...	83	3	2	1
Adelphi	V. Westmoreland ...	35	0	2	0
Sheet Anchor	M. Parris ...	34	1	2	0
Edinburgh Village ...	D. Fraser ...	1	0	0	1
East Bank, Berbice ...	(Apptd. 1.12.24)				
Courtland	M. Clarke ...	42	3	1	1
Rose Hall	D. Jack... ...	46	1	2	0
Bloomfield	D. Jaundoo ...	46	1	0	0
Skeldon	L. Smith ...	8	1	0	0
Ruimveldt	C. De Coram ...	108	1	3	3
Agricola	K. Millington ...	80	3	6	0
Craig	A. Wong ...	38	3	5	1
Pouderoyen	M. Jackson ...	78	6	4	1
Bagotville I	G. Mason ...	58	2	3	0
Good Intent	E. Holder ...	35	4	3	0
Den Amstel	S. Barker ...	20	1	3	1
Tuschen	T. Morrison ...	32	4	3	1
Christianburg	A. David ...	32	2	1	0
Bartica... ..	M. Grant ...	15	2	1	0
Leguan... ..	M. Cox... ..	18	1	2	1
Wakenaam	E. Fortune ...	49	8	2	2
Aurora... ..	I. Hayes ...	29	2	0	0
Queenstown	E. Henry ...	71	5	1	1
Pomeroon	E. Garraway ...	10	1	2	0
Moruca... ..	J. La Rose ...	17	1	1	1
		1,592	85	83	22

CLINICS REPORT, 1924.—TABLE 5.

District.	No. Clinics	Attendances Under 1 Year	Infants. Over 1 Year	No. Infants treated	Attendance, Expectant Mothers
Kitty ...	23	262	7	98	0
Plaisance ...	22	250	1	86	3
Beterverwagting ...	22	256	7	13	7
Buxton ...	24	279	9	15	6
Victoria ...	10	163	13	34	3
Ann's Grove ...	8	125	3	74	12
Mahaiea ...	10	126	6	68	63
Mahaicony ...	97	908	2	155	58
Fort Wellington ...	26	296	22	55	0
New Amsterdam ...	41	487	36	60	1
Canje-Highbury ...	33	334	62	73	53
Port Mourant ...	24	288	9	0	27
Skeldon ...	39	428	41	42	0
Ruimveldt ...	17	194	0	56	0
West Bank ...	24	203	14	61	1
Windsor Forest ...	38	213	56	79	0
Tuschen ...	10	41	3	7	2
Leguan ...	2	43	8	0	2
Wakenaam ...	49	439	60	139	80
Suddie ...	35	288	18	0	21
Queenstown ...	8	90	16	20	0
Bartica ...	9	108	0	12	0
	571	5,821	393	1,147	339

TABLE 5 CONTD.

INFANT WELFARE CLINICS HELD AT VARIOUS CENTRES
IN BERBICE DURING 1924.

<i>Jan-March</i>		<i>Attendances (Infants)</i>				
District.	No. Clinics	Under 1 Year.	Over 1 Year	No. Treated	Expectant Mothers	No. Treated
New Amsterdam ...	4	45	5	5	0	...
Adelphi ...	3	28	0	2	2	0
<i>Apr-June</i>						
New Amsterdam ...	11	130	14	11	0	...
Adelphi ...	3	41	1	2	4	0
Providence ...	3	25	0	3	12	3
Friends ...	3	29	1	3	1	0
<i>July-Sept</i>						
New Amsterdam ...	13	138	27	15	0	...
Adelphi ...	3	32	2	14	9	1
Providence ...	3	31	3	4	10	3
Friends ...	3	68	5	10	1	0
<i>Oct-Dec.</i>						
New Amsterdam ...	12	131	22	28	1	1
Adelphi ...	3	17	9	11	2	0
Providence ...	3	30	5	14	8	1
Sheet Anchor ...	2	11	0	3	3	3
Pln. Friends ...	2	29	25	9	10	0
Edinburgh ...	6	13	13	7	7	0
	77	798	132	141	70	12

*Deaths of Infants—7 Causes—2 Broncho-pneumonia 3 Gastro-enteritis.
2 Malarial convulsions*

Remarks. There has been a total number of 7 deaths of clinic babies reported. Two prospective mothers were sent to hospital for treatment, also two infants suffering from broncho-pneumonia.

No. Treated

Pulmonary Diseases	54
Malaria	42
Diarrhoea & enteritis	12
Skin diseases	9
Other causes	24

Total 141

TABLE 6.

Percentage of Total Deaths in each year to those dying under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage
1910	10,424	1,954	19.1
1911	9,385	1,865	19.8
1912	8,727	1,879	21.5
1913	7,370	1,885	25.6
1914	7,586	1,811	23.8
1915	8,637	1,799	20.8
1916	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7
1923	8,468	1,609	19.0
1924	7,717	1,606	20.8

TABLE 7.

Causes of Infant deaths with number and percentage due to each cause from 1920-1924.

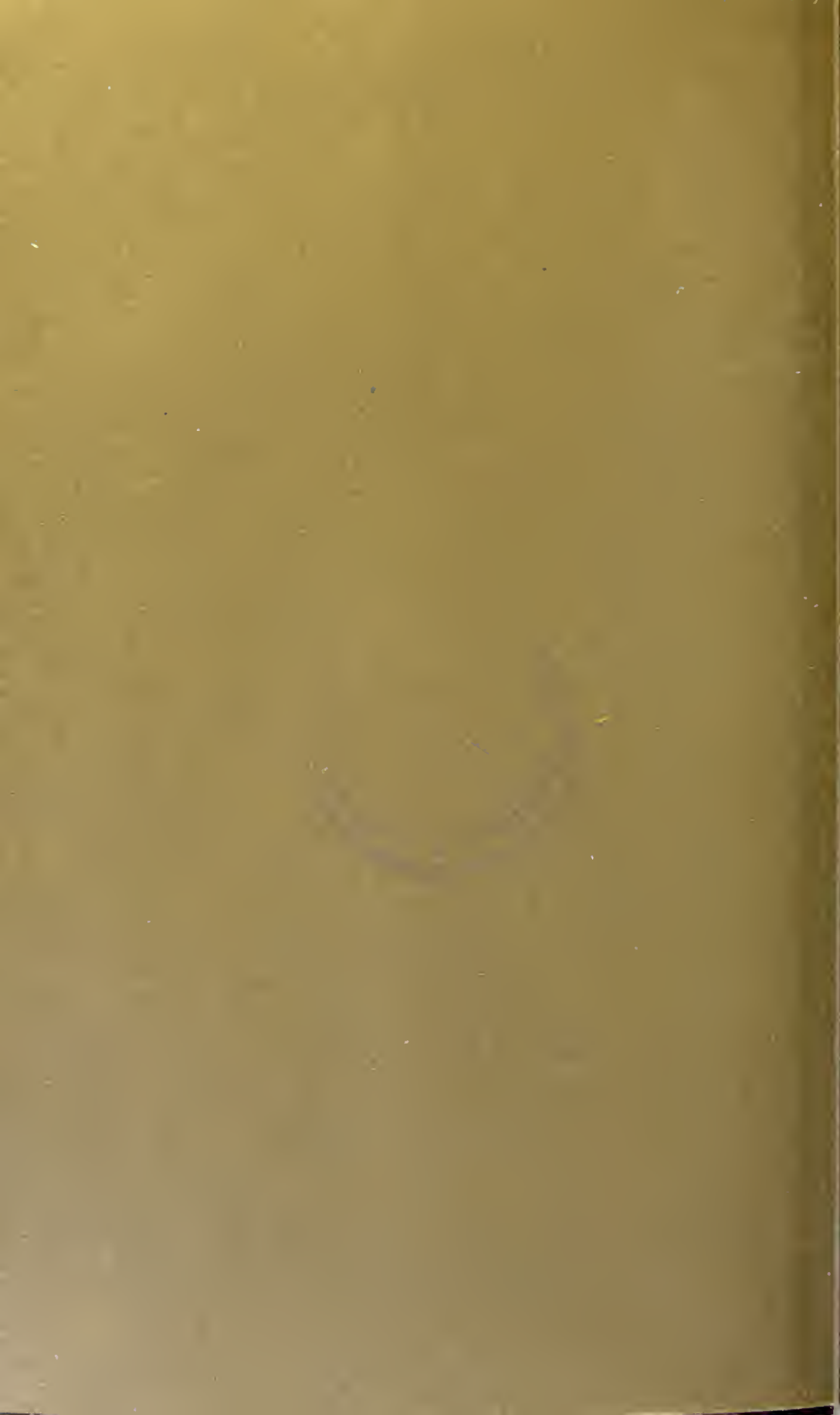
Cause.	1920.	1921.	1922	1923.	1924.
Malaria	No. ... 200 Per ct. 13.8	301 15.0	300 19.5	252 15.1	266 16.5
Diarrhoea & Enteritis	No. ... 247 Per ct. 17.0	324 16.2	222 14.4	267 16.6	213 13.2
Syphilis	No. ... 24 Per ct. 1.7	47 2.3	27 1.8	31 1.9	50 3.1
Bronchitis & Pneumonia	No. ... 133 Per ct. 9.2	233 11.6	134 8.7	150 9.3	164 10.2
Premature Birth.	No. ... 234 Per ct. 16.1	338 16.9	279 18.2	333 20.7	275 17.1
Infantile Debility	No. ... 396 Per ct. 27.3	454 22.7	387 25.2	377 23.4	414 25.7
All other Cause	No. ... 219 Per ct. 15.0	305 15.2	188 12.2	199 12.4	224 13.9
Total	1,453	2,002	1,537	1,609	1,606

TABLE 8.

Nurses Cases, 197—1924.

DISTRICTS.	1917	1918	1919	1920	1921	1922	1923	1924
1. Adelphi ... ..	...	...	...	...	55	48	56	...
2. Agricola	63	56	59	61	74	54	79	80
3. Ann's Grove	3	6	...	10	57	51	82	83
4. Anna Regina	79	59	34	32	...	...	...	...
5. Aurora	27	21	20	31	32	27	23	29
6. Bagotville	15	15	16	22	35	46	54	58
7. Bartica ... ..	...	...	...	...	...	...	...	15
8. Belfield	32	27	29	26	35	32	49	48
9. Belladrum ... ..	...	...	...	...	...	35	67	55
10. Beterverwagting... ..	37	31	40	40	45	38	53	88
11. Bloomfield ... ..	...	...	...	...	...	20	48	46
12. Buxton	45	24	23	24	29	17	6	16
13. Canal No. 1 ... ..	...	...	...	...	22	...	...	...
14. Christianburg	30	26	18	36	31	25	47	32
15. Craig ... ..	...	...	...	...	...	...	...	38
16. Courtland ... ..	...	...	...	...	...	...	...	42
17. Danielstown ... ..	...	5	9	7	7	...	...	...
18. Den Amstel	1	4	5	1	7	20	29	20
19. Good Intent	39	45	21	21	32	30	27	35
20. Edinburgh Vil'ge ... ..	...	...	...	...	...	...	...	1
21. Fort Wellington ... ..	...	...	...	...	...	...	6	41
22. Kitty ... ..	...	5	5	12	18	22	49	31
23. Leguan	8	2	...	...	...	...	...	18
24. Mahaica	27	16	6	...	15	22	30	84
25. Mahaicony	76	35	25	46	81	66	124	135
26. Moruca	10	10	8	8	4	18	22	17
27. New Amsterdam... ..	33	32	44	55	59	67	47	83
28. Plaisance	14	11	18	25	30	24	16	18
29. Pomeroy	14	6	11	11	15	9	12	10
30. Pouderoen	37	53	41	51	60	52	61	78
31. Queenstown ... ..	...	...	...	...	1	55	69	71
32. Rose Hall	8	9	2	12	12	...	...	46
33. Ruimveldt	43	45	36	62	72	92	82	108
34. Sheet Anchor ... ..	...	...	...	...	...	...	...	34
35. Springlands	12	8	6	8	...	...	...	...
36. Skeldon ... ..	...	...	...	...	...	...	...	8
37. Stewartville	3	...	...	...	...	...	...	...
38. Tuschen	1	12	14	14	...	...	...	32
39. Wakenaam ... ..	...	...	...	...	...	...	...	41
	657	563	490	615	808	870	1,136	1,592





THE BRITISH GUIANA INFANT WELFARE & MATERNITY LEAGUE.

FOUNDED 1914.

THE TWELFTH ANNUAL REPORT, 1925.

Founder :

LADY EGERTON.

Patrons :

HIS EXCELLENCY SIR GRAEME THOMSON, K.C.B.,
AND LADY THOMSON.

President :

Hon. Dr. P. JAMES KELLY (Surgeon General).

Vice-Presidents :

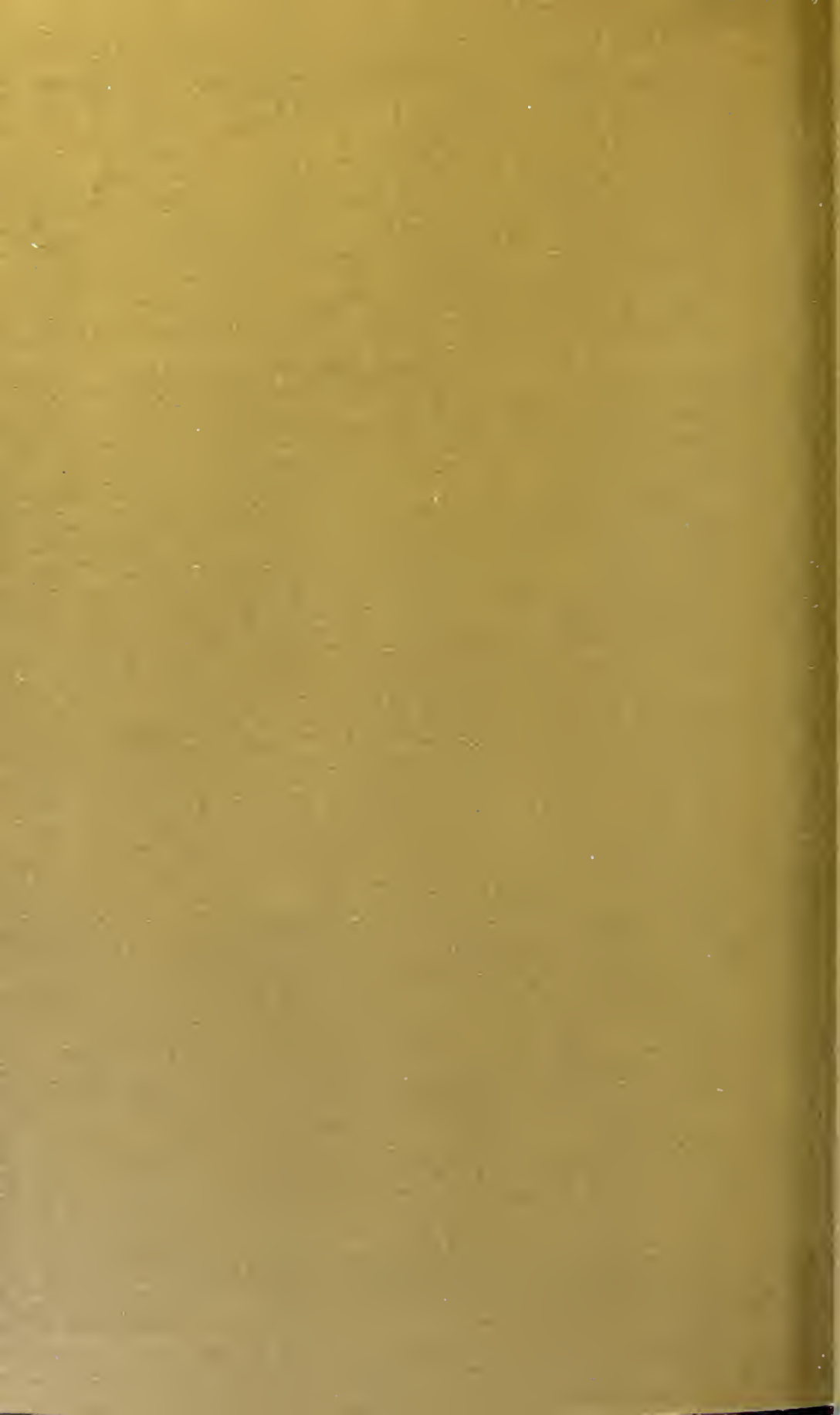
Dr. A. T. OZZARD.

Dr. A. J. CRAIGEN (Resident Surgeon, P.H.G.)

Committee :

His Lordship THE BISHOP OF GUIANA.	LADY GRAEME THOMSON,
His Lordship BISHOP GALTON.	Mrs. T. T. SMELLIE,
Rev. W. G. KIMBER.	„ C. FARRAR.
Dr. E. D. ROWLAND, I.S.O.	„ G. W. BROWN.
„ J. F. C. HASLAM, G.M.O.H.	„ HUNTER, Nurse Supt., P.H., Georgetown,
„ W. deW. WISHART, M.O.H., Georgetown.	„ GILSON BLAKE. Miss KENNEDY.
<i>Treasurer :</i>	Mr. H. BAMFORD.
<i>Medical Officer, Georgetown Area :</i>	DR. FITZHERBERT JOHNSON, M.B., (Edin.) D.P.H., (Camb.)
<i>Superintendent :</i>	Mrs. McANDREW.
<i>Inspector of Midwives :</i>	Miss NURSE.
<i>Secretary :</i>	Miss LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.



THE BRITISH GUIANA
INFANT WELFARE & MATERNITY
LEAGUE.

FOUNDED 1914.

THE TWELFTH ANNUAL REPORT, 1925.

Founder :

LADY EGERTON.

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AND LADY THOMSON.

President :

Hon. Dr. P. JAMES KELLY (Surgeon General).

Vice-Presidents :

Dr. A. T. OZZARD,

Dr. A. J. CRAIGEN (Resident Surgeon, P.H.G.)

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His Lordship THE BISHOP OF GUIANA.	LADY GRAEME THOMSON.
His Lordship BISHOP GALTON.	Mrs, T. T. SMELLIE.
Rev. W. G. KIMBER.	„ C. FARRAR.
Dr. E. D. ROWLAND, I.S.O.	„ G. W. BROWN.
„ J. F. C. HASLAM, G.M.O.H.	„ HUNTER, Nurse Supt., P.H., Georgetown.
„ W. deW. WISHART, M.O.H., Georgetown.	„ GILSON BLAKE. Miss KENNEDY.
<i>Treasurer :</i>	Mr. H. BAMFORD.
<i>Medical Officer, Georgetown Area :</i>	DR. FITZHERBERT JOHNSON, M.B., (Edin.) D.P.H., (Camb.)
<i>Superintendent :</i>	MRS. MCANDREW.
<i>Inspector of Midwives :</i>	MISS NURSE.
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Mrs. H. Anderson

COMMITTEE:

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Mr. Charles

Mr. Wilson

Mr. Pollard

Mrs. C. Farnum

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Miss Sewnaught

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Rev. H. W. Grant, *Hony. Treas.* Mrs. H. W. Grant, *Hony. Sec'y.*

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Rev. Father Boizer.

Mrs. Gomes.

Mrs. Eleazer Joseph.

Mrs. Tantat.

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PRESIDENT:

Rev. W. H. Townsend.

COMMITTEE:

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Mr. Savory.

Mr. Archer.

Mr. Le France.

Mrs. Easton.

Mrs. Townsend.

Miss Townsend.

Mrs. Parkinson.

Miss Parkinson

Mrs. Harper.

Mrs. Pita

BELFIELD BRANCH.

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COMMITTEE:

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Mr. B. Dyal.

Mr. N. B. Hooseney

Mr. S. H. Spencer

Mr. S. E. Talbot

Mrs. Thompson.

Mrs. Dyal.

Mrs. Hooseney.

Miss Talbot

Miss Jordon

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Dr. J. E. R. Ramdeholl

COMMITTEE:

Mr. W. H. Archer

Mr. Karim Boksh

Mr. Tribooran Maraj

Mr. C. A. Simon

Mrs. DaSilva

Mrs. Cromwell

Mrs. Isaacs

Miss Perry

Hony. Secretary: Mrs. Leander

MAHAICONY BRANCH.

PRESIDENT:

Dr. G. E. Carto

COMMITTEE:

Miss Gordon
Miss Suter
Miss James
Miss Ahrens

Mrs. Bishop
Miss Brebner
Mrs. Burgan
Miss Bentick

SUDDIE BRANCH.

PRESIDENT:

Mrs. E. Ross

COMMITTEE:

Dr. L. R. Sharples

Mrs. Gregóry

Mrs. J. W. Gallienne

QUEENSTOWN BRANCH.

COMMITTEE:

Rev. & Mrs. Griffith
Mrs. Parkinson

Mrs. King
Mrs. Baxter

Mrs. Benjamin

WAKENAAM BRANCH.

PRESIDENT:

Rev. Charles Biles

COMMITTEE:

Mr. Hubbard

Mrs. Brathwaite

Mrs. Hubbard

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Mrs. Blackman, President, Bagotville.
Mrs. Thomas, Vice-President, "
Mrs. K. Austin, Secretary, "
Miss E. Thomas, "
Miss L. Perry "
Mrs. J. J. DaSilva, President, Pouderoyen.
Mrs. Jones, Secretary, Pouderoyen.
Mrs. Payne, President, Good Intent.
Miss Sealey, Secretary, " "

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COMMITTEE:

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Mr. Sue-A-Quan
Mr. M. O. Bacchus

Mrs. Adams
Mrs. Jordon
Mrs. Hall

Mrs. Sue-A-Quan

Hony. Secretary: Mr. H. A. Boxill

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BRITISH GUIANA

INFANT WELFARE AND MATERNITY LEAGUE.

THE TWELFTH ANNUAL REPORT, 1925.

The Infantile Mortality for the year was as follows :—

Whole Colony	155 per 1,000 reg'd births.
Georgetown	156 per 1,000 „ „
New Amsterdam	162 per 1,000 „ „

In 1913, the year before the League came into existence, the Infantile Mortality rate was :—

Whole Colony	179 per 1,000 reg'd births.
Georgetown	246 per 1,000 „ „
New Amsterdam	142 per 1,000 „ „

From these figures it will be seen that the Colony's Infantile Mortality rate is steadily being lowered, and the League is entitled to claim to have helped towards the accomplishment of this lowered Infantile death-rate.

It is a note-worthy fact that even so far back as 1913 the Infantile death-rate for the town of New Amsterdam was as low as 142 per 1,000 registered births, and, if you will consult the Infantile Mortality table (No. 2) at the end of this report, you will find that this rate for the town of New Amsterdam is lower than the rate for Georgetown in 10 years out of 15.

In 1912, however, the Infantile Mortality rate for New Amsterdam was as high as 315 per 1,000 and in 1914 it was as low as 119—the lowest rate yet recorded in the Colony; so that the town of New Amsterdam could boast of a much lower Infantile Mortality rate than Georgetown even before the days of Infant Welfare and Maternity Leagues and without the aid of such an energetic branch of the Infant Welfare and Maternity League as it now possesses.

At the end of the year, the Infant Welfare and Maternity League handed over the Creche to the Georgetown Town Council as well as all Infant Welfare and Maternity work in the Municipal area. Our League is now concerned solely with work in the country districts and every Government Medical Officer of a district is responsible for the supervision of the clinics and League nurses.

The number of nurses employed by the League has increased from 7 in 1924 to 40 in 1925 and, as the Combined Court has voted an

additional sum of money, six more nurses are to be employed in 1926, making a total of 46 nurses.

Miss Nurse has continued to serve as Inspector of midwives and Superintendent of Health Visitors under the Tuberculosis Society.

In 1914, when the League first started, the Government allowed us a sum of \$2,000 per annum; in 1925 the amount per annum was \$16,836, \$4,000 being for the upkeep of the Creche. The Government, therefore, has been exceedingly generous in the amounts given to the League year by year, evidently being well aware of the vast importance to the Colony of Infant Welfare and Work. Unfortunately, the same cannot be said of the general public. The table at the end of the report clearly shows the difference between the two bodies.

The attendances of infants at the various clinics continue to be satisfactory, but unfortunately it is being found very difficult to persuade expectant mothers to attend the ante-natal clinics. These clinics, of course, are of the highest importance and, if properly made use of, would go far towards reducing the death-rate amongst parturient woman.

Of the 2,092 cases attended by the League nurses during the year, there were 43.5 per 1,000 deaths of infants.

13.5 per 1,000 „ mothers.

and 108 still-births.

The usual statistical tables are appended.

Baby Shows were held at Kitty, Buxton, Victoria, Ann's Grove, Mahaicony, Belladrum, Fort Willington, New Amsterdam, Suddie, Leguan and Georgetown. They were all very successful and undoubtedly serve as very useful propaganda work. A specially extra fillip was given to these Shows towards the end of the year owing to the fact that Lady Rodwell graciously consented to open the Baby Show at New Amsterdam soon after her arrival in the Colony. Every Show held since then has been graced by her presence, and it appears likely that no local committee will now consider its Show a success without the presence of Lady Rodwell. The President and Committee of the Infant Welfare and Maternity League desire to place on record their gratitude to Lady Rodwell for the very great help thus rendered to the League.

The collection of members' subscriptions still leaves much to be desired. A collection of only \$188.48 was received for members' subscriptions during the year. As the annual subscription is 24 cents, this means that only 785 members paid subscriptions.

The Creche maintained its well-earned reputation for good work and management throughout the year. Owing to the enthusiastic efforts

of Mrs. M. H. Brown, a delightful Christmas-tree entertainment was given to the children, the proceedings being graced by the presence of Lady Rodwell, Mrs. Berkley, and others. Too much praise cannot be given to Mrs. Brown for the time and trouble expended by her in maintaining the Creche in the excellent condition it invariably shows ; and in handing over this institution to the Mayor and Town Council of Georgetown the Committee feel that they may well be proud of its present condition under many adverse conditions and desire to place on record their appreciation of Mrs. Brown's invaluable services.

Lectures on Mothercraft have been given throughout the year by the Medical Officer for the Georgetown Branch and a series of lantern slides exhibited.

A word of thanks, appreciation, and praise, is due to District Medical Officers of the Government Medical Service who during the year have performed their duties with efficiency and zeal,

Thanks and appreciation are also due to the members of the committee in Georgetown, New Amsterdam and other parts of the Colony for the good services they have rendered in the cause of the Infant Welfare and Maternity League.

P. JAMES KELLY,

President,

Infant Welfare & Maternity League.

INSPECTOR OF MIDWIVES' REPORT, 1925.

Mr. President, Ladies and Gentlemen,

During the year under review there has been keen interest manifested by the League nurses which has resulted in a perceptible improvement in the work done in the various districts.

Infant Welfare and ante-natal clinics have been held regularly by the Government Medical Officers in the country districts, and the attendances of infants at these clinics have increased considerably since last year. The mothers are becoming much keener in joining the League, and in many instances some of them are known to walk long distances in order to attend the clinics.

The presence of a League nurse in the district is fully appreciated by one and all, and the practice of uncertified midwives with the exception of a few of the districts is becoming less prevalent.

There are still a certain number of registered grannies who are allowed to practise in some of the districts, and our efforts in getting them to co-operate with us by sending their mothers to the clinics have been fairly successful.

In connection with our ante-natal work, there are obvious objections and difficulties in the way of not having a suitable place in most of the districts for expectant mothers to attend the clinics. We generally have to depend on the use of the school rooms in the early mornings in these districts. However these difficulties are somewhat overcome by the fact that the League nurses are instructed to visit the expectant mothers in their homes as often as necessary before their confinement and to recommend them for medical treatment when necessary. In this way many lives are being saved.

A total number of four hundred and sixty-five expectant mothers attended clinics for the year; of this number, fifty-eight received medical treatment and twenty-one were admitted into hospital.

Three new districts have been successfully opened up during the course of the year, viz :—Canal Polder No. 1, Mahaica Creek and Cotton Tree District.

In the course of visiting the various districts, I have been favourably impressed with the cleanliness of the majority of the homes and the absence of dirty feeding bottles and dummies. Breast-feeding is very much more in evidence in these homes than formerly.

In my opinion we lose many premature and delicate infants in these poor homes for want of proper warm clothing and covers. Donations of flannel will be gratefully received for the use of such cases.

Baby Shows held periodically in the districts have attracted great interest among the villagers and the prejudice which existed among them is gradually giving place to a better appreciation of the work done by the League.

In order to encourage sanitation in the homes, special prizes have been offered at some of these Shows for the cleanest kept home.

The following nurses, M. Simpson, D. Jaundoo and M. Cox, have won the medals for the best Infant Welfare and Maternity work for the counties of Demerara, Berbice and Essequibo respectively.

In recording our thanks, special mention must be made of the assistance given by the members of the various committees in the districts.

Our thanks are also due to the managers of the estates and of primary schools and to the village councils for the use of their buildings during the year.

I have the honour to be,

Your obedient Servant,

V. E. NURSE,

Inspector of Midwives.

ANNUAL REPORT FOR THE CITY OF GEORGETOWN, 1925.

Mr. President, Ladies and Gentlemen,

The progress of the work in the Georgetown area for the year under review has been remarkable ; the Infantile Mortality Rate has dropped from 176 to 156—another record for the city of Georgetown—thanks to the help given by the hospital authorities to parents and infants in the systematic treatment of Venereal disease. This section of the work is getting popular and mothers are now not content with treatment for themselves and babies but are encouraging fathers to come up.

The ante-natal clinic has also increased in numbers and we are finding it impossible to attend to all, deferring some on many occasions for next clinic day.

Again I must draw the Committee's attention to the poor and inconvenient accommodation at the Hospital and Town Hall centres. The space provided at the former cannot accommodate the numbers attending ; at the latter there is no privacy whatever and the consulting room opens into the guard-room of the Municipal Constabulary where there are always men on duty. No ante-natal work can be done at this centre.

The following table shows at a glance the amount of work done at the 3 centres as compared with the previous year :—

BABY CLINIC.

Year	No. of Babies on Clinic Registered	New Babies	Repeat Visits	Babies. Treated	Clinic Deaths
1924	1,322	764	4,859	1,767	82
1925	1,614	850	7,216	1,682	91

The clinic death rate for the year worked out at 56 per 1,000 babies attending the clinic.

The Infantile Mortality rate worked out at 156 per 1,000 registered births.

Of the number of cases treated at the centres

28 per cent.			suffered from diseases relating to the respiratory passages
18.3 per cent.	„	„	Congenital Syphilis
18.2 per cent.	„	„	Enteritis & Diarrhoea
8.4 per cent.	„	„	Malaria
1.6 per cent.	„	„	Skin Diseases
.9 per cent.	„	„	Ophthalmia
24.3 per cent.	„	„	Other causes

During the year 235 mothers and 6 fathers were sent up for V.D. treatment to the Public Hospital, Georgetown.

ANTE-NATAL CLINIC.

Year	New Cases	Repeat Visits	Cases treated	Deaths
1924	27	504	168	0
1925	393	752	361	2

Of the 393 new cases, 232 were delivered in the Public Hospital, Georgetown, and of these there were 2 mothers' deaths, 7 infants' deaths and 12 still-births.

Of the 361 cases sent up for treatment to the Outpatient Department, 17% suffered from Venereal disease.

Two courses of lectures and demonstrations in Mothercraft were held for the year for pupils from Smith Church Congregational School and Trinity Wesleyan School. The interest manifested and the work done were encouraging and creditable. Certificates have been awarded to

Magena Sutton,	82%
Joanna Hendricks	78%
Eloise Vaughn	77.5%
Ivy Medas	76%
Olive Mercurius	59%
Uranie Blackman	58.5%
Helen Jack	52.5%

These lectures are given at the Creche and the Medical Officer is assisted by Assistant Matron Cox who gives the practical demonstrations. Our thanks are due to Miss Wagstaff, Acting Nurse Superintendent, Public Hospital, Georgetown, Mrs. Mc Andrew, Secretary, and Miss Nurse, Inspector of Midwives, for assisting with the practical portion of the examination.

Two public lantern lectures were delivered under the chairmanships of the Deputy Mayor, Mr. Thorne, and Councillor Gonsalves, and we beg to offer our thanks to them as well as to the Rev. Perry for the free use of his church building.

The work at the Creche has been uniformly steady and good and the health of the children up to standard in spite of an outbreak of chicken-pox among the toddlers about the middle of the year which although reducing the attendance to 3 had no fatal result. Nurse Benjamin of the staff was among the infected. The attendance for the year totalled 8280. One child reached the age limit of 5 years and was discharged. There were 6 deaths in Hospital. Three samples of milk were sent up for examination by the Government analyst and all were reported free from adulteration.

The social side of the work was represented by a show of clinic babies held at the Public Hospital, Georgetown, and the Annual Xmas Tree at the Creche. At both functions we were honoured with the presence of Lady Rodwell who manifested keen interest in our Infant Welfare. We beg to offer our thanks to all the ladies and gentlemen who acted as judges or helped in any way at the Show.

There were 18 visitors to the Creche among whom were included Miss Audrey Jeffers of the Committee of the Child Welfare League, Trinidad, Mrs. Wheating and Dr. Favery of Surinam. All expressed satisfaction with the condition of the children and the usefulness of the work.

I have the honour to be,

Your obedient Servant,

R. FITZHERBERT JOHNSON,
 Medical Officer,
 Infant Welfare and Maternity League,
 Georgetown.

Statement of Receipts and Expenditure Infant Welfare and Maternity League, 1925.

1925 RECEIPTS.

1.1.25.		\$ 892 13
To Balance on hand		
" Grants from Government:—		
Grant Midwives	\$7,080 00	
" Medical Officer	1,440 00	
" Inspector of Midwives	600 00	
" General Purposes	2,966 00	12,086 00
<hr style="border: 0.5px solid black;"/>		
To Donations—		
Mr. J. Ho-a-Yun, Rose Hall	12 85	
Collected at Annual Meeting	51 82	
Mr. Walcott	60 00	
Bartica Cinema	4 32	
Dr. Wishart	24	
Rev. Norman Smith	12 00	
Anonymous Donor	5 00	146 23
<hr style="border: 0.5px solid black;"/>		
To Balance—Creche	220 00	
" do. —Plaisance Branch	92 39	
" do. —Peter's Hall	20 22	332 61
<hr style="border: 0.5px solid black;"/>		
To Membership Fees—Districts...		188 38
To Miscellaneous Receipts:—		
Sale of Typewriter	12 00	
Sale of Mosquito Netting	31 04	
Sale of Midwifery Bags, etc	4 74	47 78
		<hr style="border: 0.5px solid black;"/>
		\$ 13,693 13

1925 EXPENDITURE.

By Salaries:—		
Medical Officer	...	\$1,440 00
Superintendent	...	780 00
Inspector of Midwives	...	600 00
Secretary	...	360 00
		<hr style="border: 0.5px solid black;"/>
By Subsidies—Midwives		\$ 3,180 00
" Grant to N.A.,	...	6,331 42
" Travelling & Subsistence...	...	500 00
" Drugs	...	416 92
" Uniforms	...	397 31
" Printing and Stationery...	...	230 19
" Postage and Freight	...	43 44
" Miscellaneous	...	723 74
Balance 31/12/25	...	405 50
		<hr style="border: 0.5px solid black;"/>
		\$13,693 13

REPORTS OF BRANCH COMMITTEES.

NEW AMSTERDAM.

Salary, nurse-midwife	...	...	...	\$ 444 00
Drugs	...	...	...	13 79
Stationery	...	...	...	17 04
Equipment clinic	...	...	...	210 74
Miscellaneous	...	...	...	296 00
				\$ 981 57

During the year the work of the League has been carried on and greatly increased. The Committee on 1st July in an endeavour to enlarge the scope of its usefulness moved into new premises where pre-natal and Baby clinics are held regularly. The rooms are better equipped, more private, and generally better suited to the needs of our work. We should very much like, however, to express our deep appreciation of the courtesy of the Resident Surgeon, Dr. Field, in permitting us to hold our Committee meetings in his office, and to both himself and his Assistant, Dr. Wall, for their ever ready willingness to do what they could to help our work.

The new quarters are situated at the corner of Strand and Chapel street, and, although the rental and other expenses are a heavy demand on our income, we hope that it will be possible to continue.

Shortly after our removal, the Honorary Secretary, Mrs. N. Rattee, had to resign as she was leaving the Colony. She was an energetic and capable Secretary and the Committee recorded their appreciation of her services. Mrs. M. A. Cossou consented to act as Secretary.

In addition to the Town, work is being carried on at Plantations Friends, Edinburgh and Providence on the East Bank, and Adelphi, No. 2 and Rose Hall, in the Canje District. As we write, an additional district (Sandvoort) has been added. Nurse Niles who has done splendid work at Plantation Friends has been transferred there.

As a result of the enlarged scope of the League's activities, the Annual Baby Show held in the Town Hall on the 30th of November was the largest ever held in the County. There were over two hundred babies present.

We were favoured with the presence of Lady Rodwell whose charming manner greatly impressed the mothers. She very graciously distributed the prizes.

The Acting Surgeon General, Dr. Ozzard, Dr. Johnson, Mrs. McAndrew and Miss Nurse were also present. Dr. Ozzard gave a very encouraging address.

We should like to record our gratitude to the donors of prizes, and to those who judged the babies, also to the Managers of Plantation Friends, Providence, and Rose Hall, for the use of their Hospitals and for permitting the Estate nurses to attend the clinics. But most of all are we indebted to the Government Medical Officer of the District, Dr. DeFreitas, for his tireless energy in connection with League matters. It is impossible to speak too highly of his efforts.

Mrs. W. M. B. Shields, our President, Mrs. Abbensetts, Treasurer, and the other members of our Committee deserve our best thanks.

GERTRUDE I. COSSOU,
Acting Honorary Secretary.

KITTY.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Baby Show	...	...	...	25 00
				<hr/>
				\$ 193 00

The clinics during the year show an appreciable increase in attendance, being 471 as against 260 during 1924.

The League is steadily gaining the confidence of all sections of the village, for which the District nurse must be commended, as this is due to the tactful manner in which she performs her duties.

A successful Baby Show was held in November. The Committee begs to thank Dr. Ozzard, the Central Committee, and the several ladies who assisted in various directions to make the Show the success that it was.

During the year the President, Mrs. Anderson, resigned owing to ill health.

C. FARNUM,
Honorary Secretary.

PLAISANCE.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Baby Show	...	...	...	43 54
				<hr/>
				\$ 211 54

The outstanding feature of the year under review was the resuscitation of the Annual Baby Show which took place in March. The Show was a success from every standpoint, and we are greatly indebted to the

Surgeon General and several members of the Central Committee along with Miss V. E. Nurse for their valuable services.

Clinics are held fortnightly, while Committee meetings are held monthly.

The hostile attitude of some towards the League is dying a natural death, and as a result the League is able to report additional membership at nearly all the monthly meetings.

On the whole there have been signs of improvement.

E. F. CHANCE.

President.

BETERVERWAGTING.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Cycle allowance, nurse-midwife	...	...	...	24 00
Stationery	...	...	...	26
Baby Show	...	...	...	27 96
				<hr/>
				\$ 220 22

We are pleased to report that the work of the League in this District is in a healthy condition. Mrs. Clarke, the energetic and enthusiastic President does all in her power to maintain the interest of the League.

Although the present membership of 41 babies is not all that we desire, yet the work that is steadily done among these is of an earnest and painstaking character. The keenest interest is manifested in those who show any willingness to be benefitted by the League's ministrations. Clinics are regularly held, and everything is done to give the mothers and expectant mothers the best information and advice possible. No clinic babies died during the year.

Miss Nurse, who has the welfare of the League at heart, paid periodical visits to homes and occasionally lectured to the mothers on the Care of Infants.

Miss Simpson, the League's nurse, is full of zeal and her work is being appreciated more and more; and so far as our District is concerned, there is no keen or angry competition between the "grannies" and the nurse who had 62 cases during the year.

Our Annual Show was held on the 8th of June when prizes were distributed to 20 babies and toys given by the President to all the children of the League. Our judges were Drs. Rose and Boase. On the whole the Show, from many standpoints, was the best for many a year.

A. M. GRANT,
Honorary Secretary.

BUXTON.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Baby Show	...	...	...	47 53
				\$ 215 53

The clinics of the League were held as usual at the Government Medical Officer's quarters throughout the year, the attendance being fair.

Nurse Persick resigned her post on the 15th July and was succeeded by Nurse Carter.

I left Buxton for Georgetown in September and the Rev. W. E. Giddings kindly consented to act as President in my place.

Dr. LaFrenais who came to the District in May (vice Dr. Ozzard) held a successful Baby Show on 30th December. Lady Rodwell who honoured the Show with her presence very kindly presented the prizes and was very much impressed with the good work the League is doing at this centre.

L. T. EGG,
President.

MAHAICA.

During the year 1925, 12 clinics were held at Mahaica, the total attendances being 250.

I consider that the increased attendance at the clinics is due to the fact that they are held in a more central place (The Scotch Canadian Mission School) and that parents are more interested in the League. It is a pity, however, that more expectant mothers do not attend the ante-natal clinics.

I think it would be a good thing to hold a Baby Show this year (1926) as mothers would pay more attention to their babies in order to win prizes.

V. GEORGE,
Secretary.

WEST BANK.

Subsidies, nurse-midwives (4)	...	...	...	\$ 609 00
Cycle allowances, nurse-midwives	...	...	...	87 00
				\$ 696 00

The work of the League in this district was not as bright and prosperous during 1925 as it was the year before owing to the absence on

leave of the District Medical Officer, Dr. Wills, during the early part of the year. No Baby Show was held. During the course of the year a nurse was stationed in the No. 1 Canal Polder area.

K. AUSTIN,
Secretary.

DEN AMSTEL.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Cycle allowance, nurse-midwife	...	...	...	24 00
Baby Show	...	...	...	49 47
				<hr/>
				\$ 239 47

Dr. J. E. Chow, Government Medical Officer, was regular and punctual at the clinics at Den Amstel and Windsor Forest. All did well to further the work of the League at this centre. The Annual Baby Show held in March was a great success. Dr. J. B. Singh left the district during the year.

W. A. DEANE,
President.

VERGENOEGEN.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Cycle allowance, nurse-midwife	...	...	...	24 00
				<hr/>
				\$ 192 00

For several reasons, the chief being illness among the members of the Committee, much work was not done by the Branch during 1925. All was left to the Government Medical Officer and the League nurse who did indefatigable work. It is hoped that in 1926 more will be done by the members of the Committee to make the people realise the benefit to be derived from the League. Clinics were held regularly throughout the year.

H. A. BOXILL,
Secretary.

LEGUAN.

Subsidy, nurse-midwife	...	...	...	\$ 168 00
Cycle allowance, nurse-midwife	...	...	...	24 00
Equipment Clinic	...	...	...	1203
Baby Show	...	...	...	38 19
				<hr/>
				\$ 242 22

During the year 1925, 11 clinics were held at Enterprise and Louisiana with a fair number of attendances. There were 38 new members.

A Baby Show was held on the 15th December, and the interest displayed by the mothers as well as by the general public—for every section of it was represented—shows that the League is doing a most useful work in this district and that this work is valued highly. The many applicants for membership is a healthy sign.

The mothers take full advantage of the dispensary where the Government Medical Officer meets those whose babies require medical treatment and the Government Dispenser is on the spot to deal with such cases as may require his services.

In general there is every indication that the Local Branch under proper direction will justify its existence and be altogether a most useful public organisation for the benefit of those for whom it has been formed.

J. EDWARDS,
President.

SUDDIE.

Subsidies, nurse-midwives (2)	...	...	...	\$ 336 00
Cycle allowances, nurse-midwives (2)	...	...	...	48 00
Baby Show	...	...	...	50 50
				<hr/>
				\$ 434 50

There was a great increase in membership during the year and the clinics were well attended. There was a clinic held once a week at Riverstown school and one at Aurora Police Station and at the Supenaam Dispensary on alternate Saturdays.

A Baby Show was held in November at St. John's school room, Suddie. It was very well attended, there being 126 babies present—a larger number than at any previous Show throughout the Colony, except at New Amsterdam and Georgetown.

The Local Committee agreed to subscribe \$10 towards the Christmas Tree held at the Suddie Hospital.

There is now the amount of \$19.44 on hand.

E. ROSS,
President.

TABLE I.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year	Whole Colony	European	Portuguese	East Indian	Chinese	Black	Mixed
1911	229	119	258	205	176	248	207
1912	190	95	279	158	167	227	173
1913	179	0	263	176	112	191	151
1914	170	60	232	168	116	180	145
1915	184	102	211	188	141	192	163
1916	190	121	182	191	95	208	159
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126
1923	177	56	205	179	77	136	186
1924	165	44	163	163	171	172	146
1925	155	0	102	168	115	160	123

TABLE 2.
INFANTILE MORTALITY.
RATE PER 1,000 BIRTHS.

Year	City of Georgetown	Town of New Amsterdam
1911	283	236
1912	272	315
1913	246	142
1914	210	119
1915	228	150
1916	204	237
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144
1923	190	188
1924	176	178
1925	156	162

TABLE 3.

BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.				League Nurses' Cases.	
	Live Births.	Still Born.	Registration Area.		City Area.		Live Births.	Still Births.
			Live Births.	Still Born.	Live Births.	Still Born.		
1916	8,326	706	1,411	141	1,342	138	357	18
1917	8,933	755	1,555	144	1,461	137	657	28
1918	7,791	751	1,456	163	1,445	137	563	60
1919	7,938	658	1,555	161	1,502	136	490	37
1920	9,788	796	1,763	205	1,616	173	615	62
1921	10,287	892	1,817	228	1,716	185	808	70
1922	8,274	797	1,692	212	1,612	174	870	56
1923	9,109	845	2,025	267	1,883	223	1,136	64
1924	9,725	822	1,978	211	1,862	173	1,592	85
1925	10,197	787	2,086	217	1,905	187	2,092	108

TABLE IV.

CASES ATTENDED BY LEAGUE NURSES.

DISTRICT.	NURSE.	No. Cases.	Still Births.	Infants' Deaths.	Mothers' Deaths.
Kitty ...	L. Moore ...	36	2	3	0
Plaisance ...	H. Nelson ...	33	3	1	1
Beterverwagting ...	M. Simpson ...	61	2	3	1
Buxton ...	M. Persick (Jan.-June) ...	11	2	1	0
	J. Carter (July-Dec.) ...	24	2	1	0
Golden Grove ...	L. Perry ...	37	0	0	0
Victoria ...	C. Jordan ...	74	5	4	0
Ann's Grove ...	J. Goddard ...	77	6	4	1
Mahaica ...	R. Collins ...	62	4	7	0
Mahaica Creek ...	A. Thornhill (Sept.-Dec.)..	5	1	0	0
Mahaicony ...	U. Beaton ...	73	2	2	1
Mahaicony ...	M. Thomas (Jan.-Aug.) ...	25	0	0	0
	M. Chichester (Sept.-Dec.)...	26	0	0	0
Belladrum ...	L. Hazlewood... ..	66	1	2	0
Fort Wellington ...	M. Grey ...	59	4	3	1
Cotton Tree ...	E. Holder ...	85	2	2	2
New Amsterdam ...	A. Smith ...	115	7	3	0
Adelphi ...	V. Westmoreland ...	26	2	2	1
Sheet Anchor ...	M. Parris ...	60	5	3	0
Edinburgh Village ...	D. Fraser ...	15	0	2	1
Courtland ...	M. Clarke ...	77	2	4	1
Rose Hall ...	D. Jack ...	72	4	2	1
Bloomfield ...	D. Jaundoo ...	78	1	2	0
Skeldon ...	D. Mercurius ...	44	1	4	2
Ruimveldt ...	C. DeCoram ...	88	5	3	0
Agricola ...	K. Wellington ...	73	5	4	2
Craig ...	A. Wong ...	62	0	1	0
Pouderoyen ...	M. Jackson ...	74	6	1	1
Bagotville ...	G. Mason ...	66	1	5	1
Canal Polder No. 1 ...	T. Croker ...	24	2	0	1
Good Intent... ..	L. Glen ...	37	3	1	2
Den Amstel ...	S. Barker ...	61	6	2	1
Tuschen ...	T. Morrison ...	42	6	2	0
Christianburg ...	A. David ...	32	2	1	0
Bartica ...	M. Grant (Jan.-June) ...	16	2	0	0
	M. Shury (July-Dec.) ...	20	1	2	0
Leguan ...	M. Cox ...	71	4	3	2
Wakenaam ...	E. Fortune ...	36	3	1	2
Aurora ...	I. Hayes ...	25	3	1	1
Riverstown ...	P. Nials ...	20	0	4	1
Queenstown ...	E. Henry ...	66	1	4	1
Pomeroon ...	E. Garraway ...	12	0	1	0
Moruca ...	J. LaRose ...	26	0	0	0
		2092	108	91	28

CLINICS REPORT, 1924.—TABLE 5.

District.	No. Clinics	Attendances Under 1 Year	Infants Over 1 Year	No. Infants treated	Attendances Expectant Mothers.
Kitty	23	262	7	98	0
Plaisance	22	250	1	86	3
Beterverwagting	22	256	7	13	7
Buxton	24	279	9	15	6
Victoria	10	163	13	34	3
Ann's Grove	8	125	3	74	12
Mahaica	10	126	6	68	63
Mahaicony	97	908	2	155	58
Fort Wellington	26	296	22	55	0
New Amsterdam	41	487	36	60	1
Canje-Highbury	33	334	62	73	53
Port Mourant	24	288	9	0	27
Skeldon	39	428	41	42	0
Ruimveldt	17	194	0	56	0
West Bank	24	203	14	61	1
Windsor Forest	38	213	56	79	0
Tuschen	10	41	3	7	2
Leguan	2	43	8	0	2
Wakenaam	49	439	60	139	80
Suddie	35	288	18	0	21
Queenstown	8	90	16	20	0
Bartica	9	108	0	12	0
	571	5,821	393	1,147	339

CLINICS REPORT, 1925.

District	No. Clinics	Attendances Under 1 Year	Infants Over 1 Year	No. Infants treated	Attendances Expectant Mothers
Kitty	26	428	43	107	3
Plaisance	25	306	44	103	3
Beterverwagting	25	427	37	79	4
Buxton	21	200	42	80	0
Golden Grove	22	162	22	48	0
Belfield	12	156	32	106	3
Ann's Grove	12	189	5	77	0
Mahaica	12	188	62	150	44
Mahaicony	65	399	0	98	3
Fort Wellington	51	719	53	75	0
New Amsterdam	50	482	103	182	40
Canje-Highbury	76	946	319	450	206
Port Mourant	32	340	3	47	18
Skeldon	30	295	27	114	0
Ruimveldt	12	128	0	21	0
West Bank	34	294	12	57	12
Windsor Forest	49	383	40	114	0
Tuschen	15	81	1	35	8
Leguan	9	179	27	51	69
Wakenaam	60	488	113	113	9
Suddie	46	636	25	201	26
Queenstown	4	27	3	13	10
Bartica	16	133	0	38	7
	704	7,586	1,013	2,359	465

TABLE 5—(Contd.)—ATTENDANCES AT CLINICS, 1915—1925.

CENTRE.	1915	1916	1917	1918	1919	1920	1921	1922
P.H.G. ...	2491	2323	2831	2752	2538	2845	1098	No Record
Broad Street ...	2051	1994	1871	1625	1997	1817	383	306
New Amsterdam ...	913	758	627	428	359	377	343	226
Kitty ...	...	...	...	229	120	210	206	254
Plaisance ...	...	38	326	364	193	256	253	283
Beterverwagting ...	...	207	507	267	336	305	202	166
Buxton ...	408	416	356	281	22 3	84	140	146
Ann's Grove ...	...	112	167	117	...	...	100	...
Mahaica ...	...	33	126	80	...	...	87	318
Ruimveldt ...	321	608	519	336	306	486	275	200
Agricola ...	344	333	316	293	...	217	271	161
Pouderoyen ...	299	372	323	265	124	169	202	184
Bagotville ...	336	303	229	225	221	265	155	244
Good Intent ...	223	182	127	145	86	107	103	...
La Retraite ...	72	...	...	...	...	...	...	138
Den Amstel ...	...	...	126	93	55	...	...	98
Windsor Forest ...	...	...	125	141	34	...	...	77
Christianburg ...	...	283	98	146	110	102	65	...
	7458	7962	8674	7787	6702	7240	3888	2801

CENTRE.	1923	1924	1925
P.H.G. ...	1,999	2,073	2,610
Broad Street ...	680	2,216	3,593
Town Hall ...	...	570	1,013
New Amsterdam ...	507	523	585
Kitty ...	357	269	471
Plaisance ...	209	251	350
Beterverwagting ...	396	263	464
Buxton ...	191	288	242
Golden Grove ...	...	...	184
Victoria ...	...	176	188
Ann's Grove ...	129	128	194
Mahaica ...	...	132	250
Mahaicony ...	...	910	399
Fort Wellington ...	...	318	772
Canje-Highbury ...	...	396	1,265
Port Mourant ...	...	297	343
Skeldon ...	...	469	322
Ruimveldt ...	366	194	128
Agricola ...	190	...	...
West Bank ...	574	217	306
Den Amstel & Windsor Forest ...	251	269	423
Tuschen ...	...	44	82
Leguan ...	...	51	206
Wakenaam ...	...	499	601
Suddie ...	...	306	661
Queenstown ...	...	106	30
Bartica ...	...	108	133
Christianburg ...	60	...	...
	5,909	11,073	15,815

TABLE 6.

Percentage of Total Deaths in each year to those dying under one year of age.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage
1913	8,505	1,583	18.6
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7
1923	8,468	1,609	19.0
1924	7,717	1,606	20.8
1925	7,352	1,582	21.5

TABLE 7.

Causes of Infant deaths with number and percentage due to each cause from 1916-1925.

Cause	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
Malaria	{ No. ... 287	{ No. ... 319	{ No. ... 350	{ No. ... 228	{ No. ... 200	{ No. ... 301	{ No. ... 300	{ No. ... 252	{ No. ... 266	{ No. ... 286
	{ Per ct. 18.1	{ Per ct. 17.9	{ Per ct. 20.1	{ Per ct. 15.5	{ Per ct. 13.8	{ Per ct. 15.0	{ Per ct. 19.5	{ Per ct. 15.1	{ Per ct. 16.5	{ Per ct. 18.1
Diarrhœa & Enteritis	{ No. ... 249	{ No. ... 242	{ No. ... 63	{ No. ... 232	{ No. ... 247	{ No. ... 324	{ No. ... 222	{ No. ... 267	{ No. ... 213	{ No. ... 170
	{ Per ct. 15.7	{ Per ct. 13.6	{ Per ct. 15.1	{ Per ct. 15.8	{ Per ct. 17.0	{ Per ct. 16.2	{ Per ct. 14.4	{ Per ct. 16.6	{ Per ct. 13.2	{ Per ct. 10.7
Syphilis	{ No. ... 29	{ No. ... 29	{ No. ... 18	{ No. ... 15	{ No. ... 24	{ No. ... 47	{ No. ... 27	{ No. ... 31	{ No. ... 50	{ No. ... 63
	{ Per ct. 1.8	{ Per ct. 1.6	{ Per ct. 1.0	{ Per ct. 1.0	{ Per ct. 1.7	{ Per ct. 2.3	{ Per ct. 1.8	{ Per ct. 1.9	{ Per ct. 3.1	{ Per ct. 3.9
Bronchitis & Pneumonia	{ No. ... 149	{ No. ... 183	{ No. ... 120	{ No. ... 127	{ No. ... 133	{ No. ... 233	{ No. ... 134	{ No. ... 150	{ No. ... 164	{ No. ... 181
	{ Per ct. 9.4	{ Per ct. 10.3	{ Per ct. 6.9	{ Per ct. 8.6	{ Per ct. 9.2	{ Per ct. 11.6	{ Per ct. 8.7	{ Per ct. 9.3	{ Per ct. 10.2	{ Per ct. 11.4
Premature Birth	{ No. ... 291	{ No. ... 333	{ No. ... 303	{ No. ... 268	{ No. ... 234	{ No. ... 338	{ No. ... 279	{ No. ... 333	{ No. ... 275	{ No. ... 278
	{ Per ct. 18.4	{ Per ct. 18.7	{ Per ct. 17.4	{ Per ct. 1.82	{ Per ct. 16.1	{ Per ct. 16.9	{ Per ct. 18.2	{ Per ct. 20.7	{ Per ct. 17.1	{ Per ct. 17.6
Infantile Debility	{ No. ... 341	{ No. ... 375	{ No. ... 393	{ No. ... 338	{ No. ... 396	{ No. ... 454	{ No. ... 387	{ No. ... 377	{ No. ... 414	{ No. ... 429
	{ Per ct. 21.6	{ Per ct. 21.0	{ Per ct. 22.9	{ Per ct. 23.0	{ Per ct. 27.3	{ Per ct. 22.7	{ Per ct. 25.2	{ Per ct. 23.4	{ Per ct. 25.7	{ Per ct. 27.1
All other Causes	{ No. ... 237	{ No. ... 300	{ No. ... 287	{ No. ... 261	{ No. ... 219	{ No. ... 305	{ No. ... 188	{ No. ... 199	{ No. ... 224	{ No. ... 175
	{ Per ct. 15	{ Per ct. 16.8	{ Per ct. 16.5	{ Per ct. 17.8	{ Per ct. 15.0	{ Per ct. 15.2	{ Per ct. 12.2	{ Per ct. 12.4	{ Per ct. 13.9	{ Per ct. 11.1
Total No. deaths	1,583	1,781	1,739	1,469	1,453	2,002	1,537	1,609	1,600	1,582

TABLE 8

Nurses' Cases, 1916—1925.

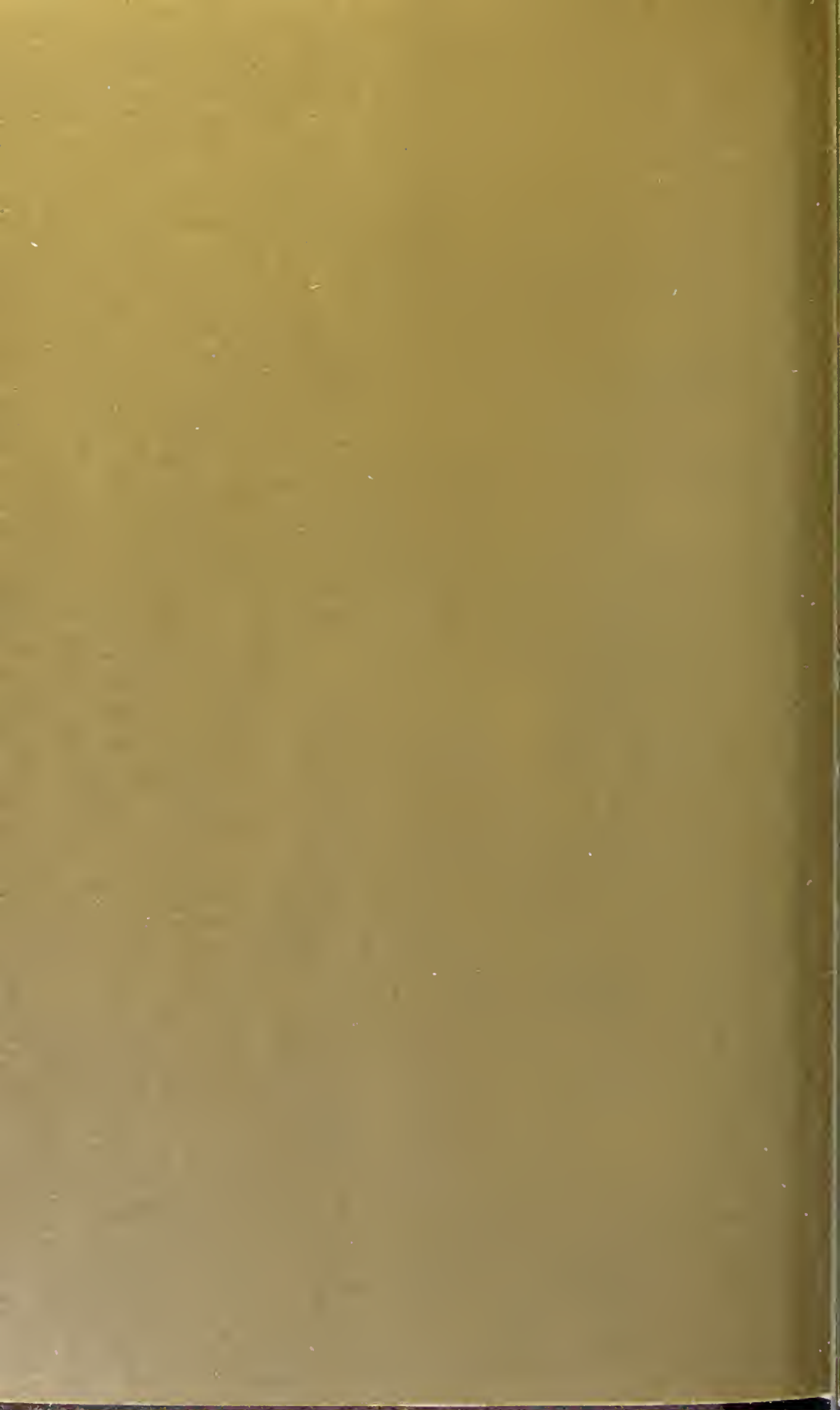
DISTRICT	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
Adelphi ...	Opene d	up	in	1921	...	55	48	56	43	26
Agrioola ...	52	63	56	59	61	74	54	79	80	73
Ann's Grove ...	18	3	6	...	10	57	51	82	83	77
Anna Regina ...	25	79	59	34	32	...	...	...	...	...
Aurora ...	6	27	21	20	31	32	27	23	29	25
Bagotville ...	15	15	15	16	22	35	46	54	58	66
Bartiea ...	Opene d	up	in	1924	...	...	...	...	15	36
Belfield ...	32	27	29	26	35	32	49	48	74	74
Belladrum ...	Opene d	up	in	1922	...	...	35	67	55	66
Beterverwagting ...	5	37	31	40	40	45	38	53	88	61
Bloomfield ...	Opene d	up	in	1922	...	...	20	48	46	78
Buxton ...	31	45	24	23	24	29	17	6	16	11
Canal No. 1 ...	Opene d	up	in	1921	...	22	...	...	...	24
Christianburg ...	...	30	26	18	36	31	25	47	32	32
Craig ...	Opene d	up	in	1924	...	...	...	...	38	62
Courtland ...	Opene d	up	in	1924	...	...	...	...	42	77
Danielstown ...	...	...	5	9	7	7	...	...	...	...
Den Anstel ...	1	1	4	5	1	7	20	29	20	61
Good Intent ...	34	39	45	21	21	32	30	27	35	37
Edinburgh Village ...	Opene d	up	in	1924	...	...	...	...	1	15
Fort Wellington ...	Opene d	up	in	1923	...	...	...	6	41	59
Kitty ...	...	...	5	5	12	18	22	49	31	36
Leguan ...	...	8	2	...	...	...	...	...	18	71
Mahaica ...	...	27	16	6	...	15	22	30	84	62
Mahaica Creek ...	Opene d	up	in	1925	...	...	...	...	...	5
Mahaicony ...	...	76	35	25	46	81	66	124	135	98
Moruca ...	...	10	10	8	8	4	18	22	17	26
New Amsterdam ...	44	33	32	44	55	59	67	47	83	115
Plaisance ...	2	14	11	18	25	30	24	16	18	33
Pomeroon ...	...	14	6	11	11	15	9	12	10	12
Pouderoyen ...	60	37	53	41	51	60	52	61	78	74
Queenstown ...	Opene d	up	in	1921	...	1	55	69	71	66
Rose Hall ...	8	8	9	2	12	12	...	...	46	72
Ruimveldt ...	53	43	45	36	62	72	92	82	108	88
Sheet Anehor ...	Opene d	up	in	1924	...	...	...	...	34	60
Springlands ...	...	12	8	6	8	...	...	...	8	44
Stewartville ...	3	3	...	...	...	...	...	...	...	...
Tuschen ...	...	1	12	14	14	...	...	...	32	42
Wakernaam ...	Opene d	up	in	1924	...	...	...	...	41	36
	357	657	563	490	615	808	870	1136	1592	2092

TABLE IX.

Table showing amount of Government Grants and amount of Private Donations, 1914-1926.

Year	Govt. Grants	Private Donations
1914	₹ 2,000	...
1915	2,000	₹ 754 88
1916	4,000	566 44
1917	5,000	51 70
1918	5,000	146 80
1919	5,000	...
1920	7,667	...
1921	12,513	169 23
1922	13,326	...
1923	13,326	131 50
1924	15,806	350 88
1925	16,886	146 23





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THE BRITISH GUIANA

INFANT WELFARE & MATERNITY LEAGUE.

FOUNDED 1914.

THE THIRTEENTH ANNUAL REPORT, 1926.

Founder :

LADY EGERTON.

Patrons :

HIS EXCELLENCY SIR CECIL HUNTER RODWELL,
K.C.M.G.,
AND LADY RODWELL.

President :

The Hon. Dr. P. JAMES KELLY (Surgeon General).

Vice-Presidents :

Dr. A. T. OZZARD.
Dr. A. J. CRAIGEN (Resident Surgeon, P.H.G.)

Committee :

His Lordship THE BISHOP OF GUIANA.	Mrs. T. T. SMELLIE.
His Lordship BISHOP GALTON.	Mrs. C. FARRAR.
Rev. W. G. KIMBER.	Mrs. M. H. BROWN.
Rev. J. MEIKLE GRAY.	Mrs. GIBSON-BLAKE.
Dr. E. D. ROWLAND.	Mrs. EDWARDS.
Dr. W. deW. WISHART, M.O.H., Georgetown.	Mrs. HUNTER, Nurse Supt. P.H.G.

<i>Inspector of Midwives :</i>	Miss NURSE.
<i>Secretary :</i>	Miss LEWIS.

Office : GOVERNMENT PUBLIC HEALTH DEPARTMENT.



THE BRITISH GUIANA
INFANT WELFARE & MATERNITY
LEAGUE.

FOUNDED 1914.

THE THIRTEENTH ANNUAL REPORT, 1926.

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Dr. E. D. ROWLAND.	Mrs. EDWARDS.
Dr. W. deW. WISHART, M.O.H., Georgetown.	Mrs. HUNTER, Nurse Supt. P.H.G.

Inspector of Midwives : Miss NURSE.

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Mrs. Payne, President,	Good Intent
Miss Sealey, Secretary	Good Intent.

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Mrs. Corry.	

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Hon. Treasurer : Mrs. Goodacre.

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Mrs. Sue-A-Chan.	

Hon. Secretary : Mr. H. A. Boxill.

INFANT WELFARE AND MATERNITY LEAGUE, BRITISH GUIANA.

THIRTEENTH ANNUAL REPORT, 1926.

The Infantile Mortality for the year 1926 was as follows :—

Whole Colony	159 per 1,000 registered births
Georgetown	174 per 1,000 registered births
New Amsterdam	216 per 1,000 registered births

The Infantile Mortality for the year ¹⁹¹⁷~~1927~~ was as follows :—

Whole Colony	199 per 1,000 registered births
Georgetown	216 per 1,000 registered births
New Amsterdam	209 per 1,000 registered births

From these figures it will be seen that in the decennial period the Colony's Infantile Mortality rate is on the decrease.

Most unfortunately, however, I have to report that a severe epidemic of malaria, which commenced as from June, 1926, and which followed heavy rains which broke the long drought, resulted in a heavy Infantile Mortality which has affected the statistics of the year.

The epidemic was most severe in the upper Demerara, Berbice and Pomeroon Rivers and elsewhere, and in every instance the Infantile Mortality was considerably higher than it should have been, had more normal conditions prevailed.

In this connexion, as a result of reports received subsequent to a tour made by a Medical Officer and the Inspector of Midwives, the League is endeavouring to save the health and reduce the Mortality rate of Infants by means of the provision of suitable nourishment and mosquito netting.

The inhabitants of these river areas, largely composed of Indians, are poor and ignorant, and the inculcation of educational health propaganda in their present state of development is almost impossible, but I am pleased to report that they have taken and welcomed the grant of mosquito netting for their children and appear to appreciate, at least in this instance, the beneficial results of preventive medicine.

Malaria, unfortunately, has a very direct result on Infantile Mortality in this Colony, in that infants are most susceptible to the most fatal type of malaria—cerebral malaria—and to this cause must be attributed a Mortality Rate, which, had not this epidemic occurred, would have been considerably better.

The number of midwives subsidised from the League funds is year by year increasing, owing to extension and opening up of new districts where the League's activities are spreading. The

total number of midwives employed by the League in 1926 was 45, whereas in 1917 only 25 were employed and it is hoped with the sympathy and financial aid of the Combined Court to employ 2 extra midwives for 1927, making a total of 48.

As an index of the good work done and the appreciation by the people of the skilled attention by these nurses, I have to report that in 1926 there were no less than 2,625 confinement successfully undertaken. Out of that number, the total number of still-births amounted to 116. In 1917, confinements and still-births were 657 and 29 respectively.

Of the 2,625 cases attended by the League nurses during 1926 there were 36.9 per 1,000 deaths of infants, and 10.3 per 1,000 deaths of mothers.

The usual Statistical Tables are appended.

The year 1926 has been marked by further progress in the conducting of infant and ante-natal clinics which have been very extensively patronised (Vide Table VI.)

Baby Shows under the auspices of the League were held at New Amsterdam, Rose Hall, Edinburgh Village, Rosignol, Buxton, Beter-verwagting, Plaisance and Good Intent, and the majority of these were highly successful. It is usual for the League to financially help the Committee in such centres in which Baby Shows are held by giving a grant towards the expenses.

Lady Rodwell, as in the previous year, extended her patronage and support in all the League's activities and has, whenever possible, been present at the Baby Shows and presented the prizes and has otherwise encouraged the aims and efforts of the League.

The Georgetown Creche was taken over by the Town Council as from the 1st January and hence forward will be under the control and management of that body.

Membership of the League during the year amounted to 1,434 and the amount of subscription fees collected was \$148.04.

In this connection, an annual membership subscription of one shilling is charged in all districts where the League operates under Government Medical Officers. This subscription entitles members and their children to attend ante-natal and infant clinics, and the infants are allowed, free of cost, simple medicinal and surgical remedies which are much appreciated.

Miss Nurse, Inspector of Midwives, has throughout the year worked whole-heartedly in the performance of her duties and has been a great help to the Central Committee with her experience and advice. She has visited and inspected the work of Midwives in practically every area in which League centres are operating.

The usual Annual Meeting was not held during the year in Georgetown owing to the transfer of League work in that area to the Town Council, but a very successful and well attended Annual Meeting was held at New Amsterdam, in which district there is a very live and well organised committee.

We regret to have to record the loss of one of our Vice-Presidents, Dr. A. J. Craigen, late Resident Surgeon, Public Hospital, Georgetown, who, owing to ill health has had to terminate his connection with the Colony. For the many years he was here and since the inception of the League he rendered devoted service and his absence is keenly regretted.

As in years previously, Government Medical Officers have rendered unstinted services in the furtherance of the cause of the League. Their services are voluntary, and praise and thanks are due to them for their keenness in helping in the cause of the League.

Thanks and appreciation are also due to the members of the Central Committee in Georgetown and to the members of the Committees in New Amsterdam and other parts of the Colony for their sympathy and help in furthering the work and progress of the Infant Welfare and Maternity League in British Guiana.

The Annual Report, Ante-Natal and Infant Welfare for the City of Georgetown, 1926, is published elsewhere being embodied in the Annual Report of the Medical Officer of Health, Georgetown.

P. JAMES KELLY,

President,

Infant Welfare and Maternity League.

INSPECTOR OF MIDWIVES' REPORT, 1926.

Infant elfare and Pre-natal Clinics have been held regularly throughout the year by the Government Medical Officers assisted by the nurses in the various districts.

With the increased number of League nurses in the villages, there has been steady progress made in maternity and Infant Welfare Work throughout the year. The appointment of six additional midwives has been well justified. Every effort has been made by the Exeentive Committee to engage the services of competent and well trained nurses for the districts.

Seven new elinie eentres were opened up by the Government Medical Officers in the following districts :—

Rosignol, Ithaca Village, Manchester, Supply, Plantation Lusignan, Hague and Anna Regina.

The first Baby Show held in Rosignol was organised by Dr. Miller and proved a great suceess. During the previous year, maternity eases in this and the adjoining village were managed by unqualified women. I am now pleased to state that both of these districts are now supplied with trained nurses who were not welcomed by the people at first but are now being very much more appreciated for their serviees to the mothers and their ehildren.

Very few ehanges were made on the staff. Three of the nurses resigned and the vaeaniees have already been filled. Nurse Jaek at Rose Hall, Corentyne, and Nurse Cox in Leguan, Essequibo, have both succeeded in passing the Health Visitor's examination. The former secured the Royal Sanitary Institute and the latter the Local Health Visitors' certificate.

INSPECTION OF MIDWIVES.

During the course of the year certified midwives as well as registered grannies praetising in the villages were subjected to inspection. With but few exceptions, the midwives' bags and their registers, etc., were kept in quite good order. Efforts have been made to persuade the registered grannies to obtain a few very necessary arteeles to work with, in order to ensure their efficiency and eleanliness in the praetiee of midwifery. This is as much as we can possibly hope to aehieve until such time as they are replaced by trained nurses.

PRE-NATAL CARE.

There is no doubt that more eonsideration should be given to pre-natal eare of the expectant mothers by all midwives, and this can only be done suceessfully when they eneourage the mothers to engage their serviees early, and not at the last moment, as is often done, with risk of serious results to both mother and child.

PROPAGANDA.

I would suggest some propaganda in the form of leaflets with instructions for expectant mothers to be distributed at all the clinic centres during the new year.

ANTE-NATAL CLINICS.

Of a total number of 560 expectant mothers who attended the clinics during the year, 89 received medical treatment, 6 were sent into hospital and 12 received outdoor treatment at the Public Hospital, Georgetown. The others were in fair condition.

INFANTILE DIARRHOEA AMONG CLINIC BABIES.

There was an unusual amount of intestinal ailments among the infants attending the clinics during the drought, and this was attributed in some degree to the poor supply of milk and also to impure drinking water. A total number of 27 deaths occurred among the clinic babies of the various districts from enteritis as compared with 7 for the previous year.

PURE DRINKING WATER.

We fully appreciate the prompt and effective way in which the Government assisted the villages with a daily supply of pure drinking water during the drought. By this means serious epidemics of intestinal diseases were possibly averted. There is no doubt that the supply of pure drinking water by means of artesian wells will gradually assist in improving the health of the mothers and children. Already several of these wells have been completed and the mothers are taking full advantage of the ready supply of water.

PREVENTION OF MALARIA.

The infants suffered a great deal from mosquito bites, and our efforts in trying to get the mothers to adopt preventative measures of Malaria were increased. Samples of infants' mosquito curtains were made and distributed at the various clinics, at which several were sold to the mothers at cost price, others were given free to needy infants. Two of the districts, Kitty and Leguan, have already got a small fund for supplying netting for newly born infants. During the malaria epidemic up the Demerara River, I found very few of the homes provided with mosquito netting. These baby curtains were introduced into this district with great success and supplies of quinine were distributed free.

I wish to take this opportunity of thanking the Nestle's Milk Co. for their generous supply of Lactogen which was found very helpful during the malaria epidemic, as the supply of fresh cow's milk was very limited and very expensive in this district.

Lactogen was also supplied to some of the marasmus infants at the clinics with very good results.

NATURAL FEEDING OF INFANTS.

Breast-feeding has been well established amongst the mothers attended to by League nurses as can be proved from the fact that only 47 of a total number of 2,471 infants born alive were artificially fed.

MATERNITY OUTFIT FOR POOR.

Our thanks and appreciation are also due to the Kitty Village Council who gave a donation of \$20 towards the Infant Welfare Scheme. This money was used for the purpose of supplying the district with a complete maternity outfit for use in necessitous cases.

With the assistance of some of the ladies on the various committees in the villages, I have been able to supply a few of the districts with some necessary articles of clothing towards a maternity bag. Seven districts have been supplied in this way, but, owing to lack of funds, they have not been completed as yet.

We beg to thank all those ladies and gentlemen on the various committees who have contributed to the success of the League by their service.

We also desire to tender our heart-felt thanks to the managers of the estates and of the primary schools and to the Village Councils for the kind assistance they have given us by the use of their buildings during the year.

V. E. NURSE,

Inspector of Midwives.

Statement of Receipts and Expenditure,—Infant Welfare and Maternity League, 1926.

1926.	RECEIPTS.		EXPENDITURE.
1. 1. 26.	To balance on hand	\$ 405 50	
"	Grants from Govt.		
	Grant Midwives... \$8,232 00	8,232 00	
	Inspector of Midwives	600 00	
	General		
	Purposes	2,846 00	
		<u>11,678 00</u>	
	To balance—Creche	133 21	
	Membership fees—		
	Districts	144 44	
	Sale of Mosquito Netting	57 20	
	Miscellaneous		
	Receipts :—		
	Donation, Bartica		
	Cinema	4 22	
	Balance, Baby Shows, etc.	20 34	
		<u>24 56</u>	
		<u>\$12,442 91</u>	
			By Salaries :—
			E. McAndrew ... \$ 540 00
			Inspector of Midwives ... 720 00
			Secretary ... 480 00
			<u>1,740 00</u>
			By Subsidies—Midwives
			Grant to N.A. ... 7,373 03
			Travelling and Subsistence ... 500 00
			Drugs ... 1,259 00
			Uniforms ... 320 31
			Printing and Stationery ... 318 46
			Postage and Freight ... 99 61
			Baby Shows ... 32 09
			Purchase of Midwifery Bags ... 255 00
			Medals ... 95 46
			Mosquito Netting ... 88 97
			Repairs to Christianburg ... 78 92
			Boat ... 22 45
			Miscellaneous ... 43 06
			<u>12,226 36</u>
			Total Expenditure to 31.12.26
			Balance on 31.12.26
			<u>216 55</u>
			<u>\$12,442 91</u>

REPORT OF BRANCH COMMITTEES.

NEW AMSTERDAM.

Salary, nurse-midwife	...	...	...	\$ 454.00
Drugs	...	...	...	14.00
Stationery	...	...	...	10.83
Equipment clinic	...	...	...	177.70
Miscellaneous	...	...	...	168.24
				\$ 824.77

A review of the year's work discloses many important activities in connection with our Branch here.

In our previous report it was mentioned that we had moved into new premises; the reason for the experiment we also set forth. Unfortunately, although from standpoints the venture was a success, the financial obligations proved too heavy and the Government came to our assistance by providing for us quarters under the Lady Rodwell wing of the Hospital.

In this connection, we would like to thank very sincerely the Honourable the Surgeon General, who, in this as in other matters, has taken a deep interest in our work, and also Mr. J. A. Abbensetts, through whose instrumentality the Surgeon General became aware of our needs.

The meetings of the Committee have been held regularly and the members have all attended and taken a keen interest in the work.

During the year the Government Medical Officer, Dr. Q. B. DeFreitas was transferred to Buxton. It is impossible to speak too highly of the services he has rendered to the Branch here, and we congratulate the Branch at Buxton in securing so zealous a worker. We were pleased to welcome as his successor Dr. A. C. L. La Frenais.

As a result of the decision of the Committee to have district Shows, the central one at New Amsterdam having attained unwieldy proportions, two were held during the year. At Plantation Rose Hall, Canje, there were about ninety babies present and a most successful Show was held. At Plantation Friends there were over sixty, which was considered highly satisfactory.

The Committee is extremely grateful to all those who acted as judges, gave prizes or assisted with the refreshments, but special mention must be made of Mrs. Gardiner McLean, who at the Rose Hall Show spared no efforts to make it a success.

The New Amsterdam Show at which again Lady Rodwell was present and graciously distributed the prizes was not as well attended as we had hoped. There was a variety of causes for this and we expect a better attendance on the next occasion.

The following changes took place during the year. Drs. Huey and Subryan succeeded Drs. Field and Wall. Mrs. Croal, Rev. G. Nicoll and his Worship the Mayor also joined as new members, while we lost the services of the Rev. Frank Nicoll who left the Colony.

In conjunction with the Tuberculosis Society, an Annual Meeting was held on the 22nd November, when the Honourable the Surgeon General and Dr. Sibley addressed a crowded hall. His Worship the Mayor presided.

In bringing the report to a close, we have again to record our appreciation of the work of the Committee, Medical Officers and nurses. Our President, Mrs. W. M. B. Shields, continues to take an active interest in the work of the League and is ably assisted by Mrs. A. E. Jones (Vice-President) and Mrs. J. A. Abbensetts, Treasurer.

GERTRUDE I. COSSOU,
Honorary Secretary.

KITTY

Subsidy, Nurse-Midwife	...	...	\$ 192.00
Equipment clinic	...	...	14.00
Drugs	...	...	14.22
			<hr/>
			\$ 220.22

Only one Committee Meeting was held during the year when the President reported that Mrs. Anderson had resigned the Secretaryship, and that Mrs. Campbell was elected in her place. This meeting took place on the 17th July, 1926.

Clinics were held regularly and 40 new members were enrolled.

We beg to acknowledge gratefully a donation of \$15.00 from the Kitty Village Council. From this amount three maternity outfits have been provided.

E. G. CAMPBELL,
Honorary Secretary.

PLAISANCE.

Subsidy, Nurse-Midwife	...	...	\$ 168.00
Baby Show	...	...	38.65
Drugs	...	...	5.08
			<hr/>
			\$ 211.73

During the past year there was an increase of membership of the Plaisance Branch of the League. Clinics were held fortnightly. Health visits to infants and expectant mothers were paid regularly by the District Nurse.

There were nine Committee Meetings.

A successful Baby Show was held on 21st June.

J. R. S. MINGO,

Honorary Secretary.

BETERVERWAGTING.

Subsidy, Nurse-Midwife	...	...	...	\$ 192.00
Baby Show	...	...	...	25.00
Drugs	...	...	...	4.33
				<hr/>
				\$ 221.33
				<hr/>

In presenting the report for the year under review, it affords me great pleasure in stating that this Branch has continued to maintain its work in an earnest, painstaking and efficient manner.

Interest has in no way waned since the League was started in this District; rather, we see increasing signs of a healthy condition.

Mothers cheerfully bring their infants to the fortnightly clinics. The Inspector of Nurses continues to speak with satisfaction of her visits to the homes and of the manner in which the District nurse performs her duties which must be arduous at times.

Our esteemed President and her co-workers meet at regular intervals to consider the reports and to consider the best ways of improving the work of the League.

The Annual Baby Show, which is ever a great feature in the District, was held in the Moravian schoolroom on the 5th July. About 40 infants attended and those who were not awarded prizes received gifts of encouragement from the President. The judges were the Surgeon General, Dr. Q. B. de Freitas and Dr. R. F. Johnson. It was the concensus of opinion that the Show was the best on record in the district.

During the year one mother and her infant died, the former in the Colonial Hospital.

A. M. GRANT,

Honorary Secretary.

BUXTON.

Subsidy, Nurse-Midwife	...	...	...	\$ 192.00
Baby Show	...	...	...	39.00
Drugs	...	...	...	10.93
				<hr/>
				\$ 241.93
				<hr/>

The work of the League in this District was at a very low ebb during the greater part of the year, although clinics were held weekly. Much interest was aroused by the holding of a Baby Show in November when Lady Rodwell kindly presented the prizes. The membership of the clinic is now 79, but the average attendance is not all that could be desired being about 30.

With the co-operation of the Committee, parents and District Nurse, we trust that 1927 will be a year of great achievement.

L. OGLE,
Honorary Secretary.

MAHAICA.

Subsidies, Nurse-Midwives	...	...	\$ 384.00
Drugs	...	...	25.78
			<hr/>
			\$ 409.78
			<hr/>

An additional clinic centre was opened up by Dr. Ramdeholl at Supply in order to meet the demands of the mothers residing at that end of the district, the distance being too far for them to attend the clinic at Helena. The attendance at both of these clinics has been fairly satisfactory and the parents are beginning to realise the value and usefulness of the League.

A good deal of propaganda work is needed and I hope that the day is not far when we shall receive the co-operation of the intelligent section of the community. With regular and systematic propaganda work and co-operation we would be able to achieve much.

EDWARD BISSOO.

WEST BANK

Subsidies, Nurse-Midwife (4)	...	...	...	\$ 768.00
Baby Show	...	...	...	30.00
Drugs	...	...	...	20.89
				<hr/>
				\$ 818.89
				<hr/>

Clinics were held regularly throughout the year at Vreed-en-Hoop, Bagotville and Good Intent. The mothers took a very keen interest in the lectures given by Dr. Wills on these occasions. The infants who attended these clinics were on the whole in a better condition of health than those of the previous year.

A Baby Show was held on the 16th August at Good Intent when 35 prizes were awarded. The Committee begs to thank those ladies and gentlemen who assisted in various ways to make the Show the success that it was.

The appointment of a nurse for the No. 1 Canal Polder Area has been well justified.

The Committee much regrets the transfer of Dr. Wills from the District and wishes him every success in his new field.

K. AUSTIN,
Honorary Secretary.

LEONORA

Subsidies, Nurse-Midwives (2)	...	...	...	\$ 336.00
Baby Show	...	...	...	25.00
Drugs	...	...	...	19.72
Stationery	...	...	...	.95
				<hr/>
				\$ 381.67
				<hr/>

The work of the League at Den Amstel and Windsor Forest was carried on with great success during 1926. The Annual Baby Show was held on 16th March when Lady Rodwell very kindly distributed the prizes. Through the efforts of the Committee, the Show was a great success.

In April a branch was established in the Hague-Stewartville District to which Nurse Deane was appointed. A clinic was started in May at Anna Catherina. The use of the Scots School was procured through the kindness of the Rev. J. A. Ramsay. Membership steadily increased from 5 in May to 45 at the end of the year. The clinic in this district has certainly justified its existence.

W. A. DEANE,
President.

SUDDIE.

Subsidies, Nurse-Midwives (2)	...	...	...	\$ 384.00
Drugs	...	...	...	35.06
				<hr/>
				\$ 419.06
				<hr/>

It is unfortunate that practically no records of work done by the League during 1926 have been kept locally, so that this report can give no details of progress or otherwise. The branch, however, is still existing and the Committee hopes to make better arrangements in the future.

Owing to exigencies of distance—the Suddie district extends from the Supenaam Creek to Hof-Van-Aurich, a distance of some 17 miles of coast line—the district is divided into three distinct centres, each with its own clinic.

Suddie.—This clinic is held weekly on Wednesdays at 8.30 at the Hospital.

Riverstown.—Nurse Nials has worked here throughout the year; clinics have been held fortnightly on alternate Saturdays at 2.30. In January, 1927, Nurse Nials was replaced by Nurse Rubins and the Committee hopes that she will do satisfactory work.

Aurora.—A fortnightly clinic is held here on alternate Saturdays at 3 p.m. A branch clinic is held on alternate Tuesdays at 3.30 p.m. at Supenaam, 4 miles further up the Coast for the convenience of a small growing settlement at the mouth of the Supenaam Creek. Each of these clinics is attended by the Government Medical Officer or his assistant and also by a member of the Local Committee. About one-third of the mothers on the Register are East Indians.

Very little ante-natal work seems to be done at present. It is to be hoped that the nurses will try to develop this important branch of their work.

The district needs the services of one other nurse midwife. In and around Golden Fleece and Zorg there is a large settled population and the midwifery (excluding the small proportion of obviously abnormal cases which go into the Public Hospital, Suddie) is in the hands of one or two very archaic “registered grannies” and various elderly persons who assist, not at all a satisfactory condition.

During 1926 the personnel of the Committee has been increased with a view to its more effective working; quarterly meetings are to be held and a certain amount of reorganisation has been done.

No Baby Show was held during 1926.

The Committee wishes to express its thanks to Dr. E. G. H. Payne for his keen interest and help during the year, also to Dr. L. R. Sharples who inaugurated the League in Suddie and who left during the year. The Committee welcomes Dr. Ewing Chow and hopes with his help and co-operation to make this a very useful and successful Branch.

E. ROSS, President,

M. GREGORY, Hon. Secretary.

TABLE 1.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Whole Colony and each Race.

Year	Whole Colony	European	Portuguese	East Indian	Chinese	Black	Mixed
1917	199	85	237	221	97	195	163
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126
1923	177	56	205	179	77	136	186
1924	165	44	163	163	171	172	146
1925	155	0	102	168	115	160	123
1926	159	51	123	132	59	191	163

TABLE 2.
INFANTILE MORTALITY.

RATE PER 1,000 BIRTHS.

Year	City of Georgetown	Town of New Amsterdam
1917	216	254
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144
1923	190	188
1924	176	178
1925	156	162
1926	174	216

INFANTILE MORTALITY IN THE WHOLE COLONY,

From 1917 to 1926.

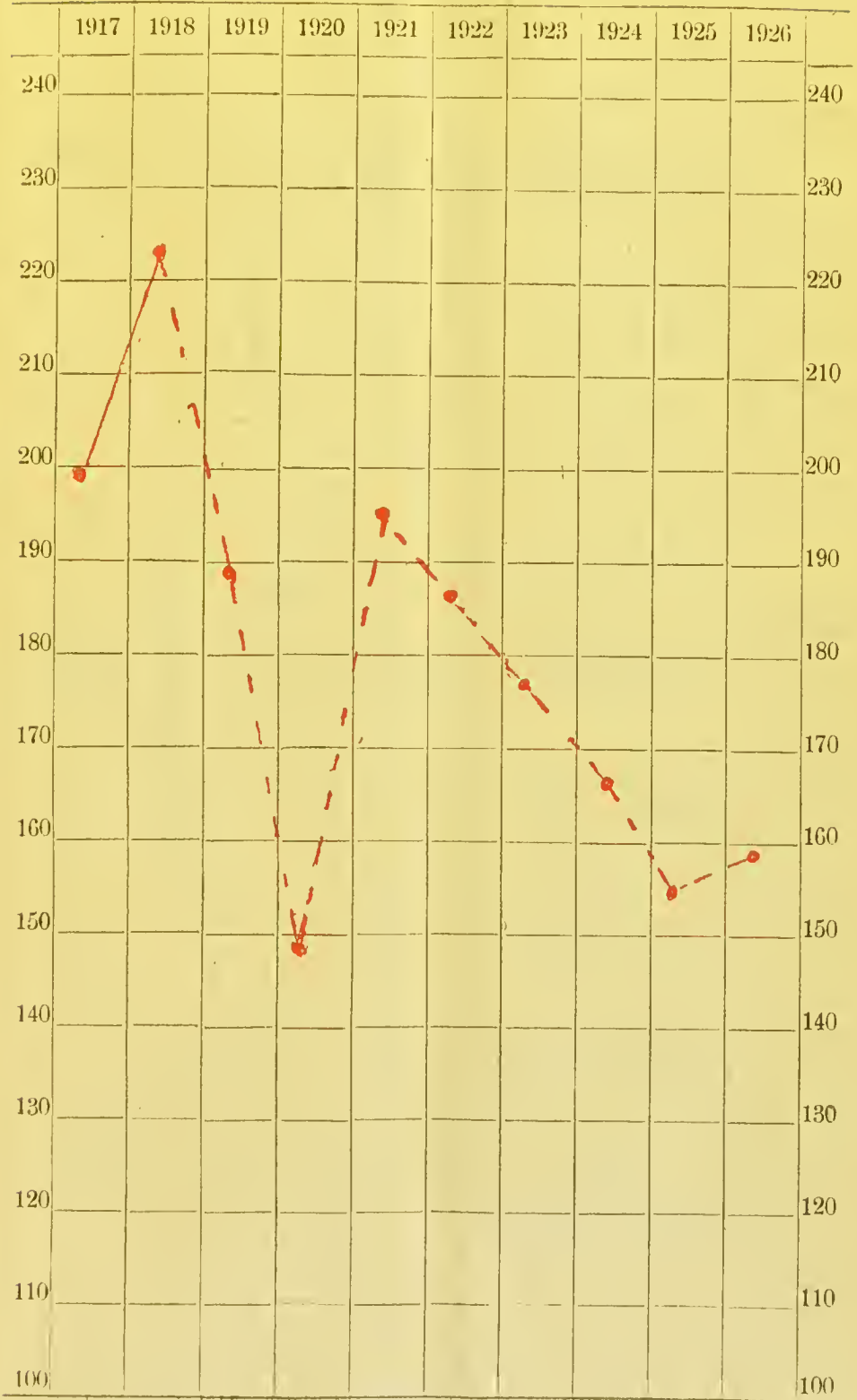


TABLE 3.

Deaths of Children between the ages of 1 and 5 years.

	Demerara.	Demerara River.	Berbice.	Mara & Berbice River.	Pomeroon.	North West District.
1924	344	34	144	9	24	23
1925	372	27	107	7	8	7
1926	445	100	136	10	14	62

Deaths of Infants under 1 year.

	Demerara.	Demerara River.	Berbice.	Mara & Berbice River.	Pomeroon.	North West District.
1924	1,104	37	292	15	23	39
1925	1,032	45	344	13	14	22
1926	1,140	102	353	26	28	46

Deaths of Infants under 1 year from Malaria.

	Demerara River.	Mara and Berbice River.	Pomeroon.	North-West District.
1924	15	6	8	5
1925	15	3	4	5
1926	72	10	10	23

TABLE 4.

BIRTHS.

Whole Colony and Georgetown.

Year.	Whole Colony.		Georgetown.				League Nurses' Cases.	
	Live Births.	Still Births.	Registration Area.		City Area.		Live Births.	Still Births.
			Live Births.	Still Births.	Live Births.	Still Births.		
1917	8,933	755	1,555	144	1,461	137	657	28
1918	7,791	751	1,456	163	1,445	137	563	60
1919	7,938	658	1,555	161	1,502	136	490	37
1920	9,788	796	1,763	205	1,616	173	615	62
1921	10,287	892	1,817	228	1,716	185	808	70
1922	8,274	797	1,692	212	1,612	174	870	56
1923	9,109	845	2,025	267	1,883	223	1,136	64
1924	9,725	822	1,978	211	1,862	173	1,592	85
1925	10,197	787	2,086	217	1,905	187	2,092	108
1926	10,653	736	2,154	200	1,987	444	2,491	116

TABLE 5

Nurses' Cases, January—December, 1926

DISTRICT	Nurse	No. Cases	Mothers' Deaths	Infants' Deaths	Still Births
Kitty	L. Moore	41	1	1	3
Plaisance	H. Nelson	35	0	1	1
Beteverwagting	M. Simpson	89	1	2	2
Buxton	J. Carter	58	1	1	5
Golden Grove	L. Perry	40	0	0	0
Victoria	C. Jordan	72	2	1	4
Ann's Grove	J. Goddard	115	4	3	5
Mahaica	R. Collins	67	0	2	3
Mahaica Creek	A. Thornhill	23	0	3	0
Mahaicony	U. Beaten	62	0	2	1
Mahaicony	A. Joyce	47	0	1	4
DeKinderen	M. Chichester	38	0	1	2
Belladrum	L. Hazlewood	59	1	3	2
Fort Wellington	M. Grey	69	0	0	5
No. 8 Village	V. Fenty	53	0	2	5
Rosignol	L. Dannett	37	1	1	1
New Amsterdam	A. Smith	99	0	1	3
Edinburgh Village	A. Dannett	13	1	0	2
Sandoort Village	L. Timmers	20	1	1	3
Adelphi	V. Westmoreland	34	0	2	0
Sheet Anchor	M. Parris	63	1	4	1
Courtland	M. Clarke	91	1	2	5
Rose Hall	D. Jack	65	1	0	4
Bloomfield	D. Jaundoo	83	0	7	1
Skeldon	M. Niles	39	0	2	4
Rumveldt	C. DeCorum	78	1	0	8
Agricola	K. Millington	96	0	5	2
Grove	A. Wong	76	1	9	1
Pouderoyen	M. Jackson	90	2	2	2
No. 1 Canal	T. Croker	61	0	1	0
Bagotville	G. Mason	76	0	2	8
Good Intent	L. Glen	62	0	1	4
Den Amstel	S. Barker	128	1	4	3
Hague	M. Deane	79	1	5	3
Tuschen	T. Morrison	52	1	3	3
Christianburg	A. David	46	0	3	4
Bartica	M. Shury	45	0	2	2
Leguan	M. Cox	74	1	2	1
Good Success	E. Fortune	19	0	0	1
Zeelandia	E. Holder	36	1	3	2
Aurora	D. Mack	52	0	2	0
Riverstown	P. Nials	20	0	0	1
Queenstown	E. Kendall	57	2	3	4
Anna Regina	M. Persick	28	0	1	1
Pomeroon	E. Garraway	16	0	0	0
Moruca	J. LaRose	22	0	1	0
		2,625	27	92	116
Nurses' Cases	Live Births	Still Births	Mis-carriages	Infants' Deaths	Mothers' Deaths
2,625	2,491	116	18	92	27

Infantile Death Rate, 36.9 per 1,000

Maternal Death Rate, 10.3 per 1,000

TABLE 6.—CLINIC REPORT, 1925.

District	No Clinics	Attendance of Infants		No. Infants treated	Attendances Expectant Mothers
		Under 1 Year	Over 1 Year		
Kitty ..	26	428	43	107	3
Plaisance ...	25	306	44	103	3
Beterverwaging ...	25	427	37	79	4
Buxton ...	21	200	42	80	0
Golden Grove ...	22	162	22	48	0
Belfield ...	12	156	32	106	3
Ann's Grove ...	12	189	5	77	0
Mahaica ...	12	188	62	150	44
Mahaicony ...	65	399	0	98	3
Fort Wellington ...	51	719	53	75	0
New Amsterdam ...	50	482	103	182	40
Canje-Highbury ...	76	946	319	450	206
Port Mourant ...	32	340	3	47	18
Skeldon ...	30	295	27	114	0
Ruimveldt ...	12	128	0	21	0
West Bank ...	34	294	12	57	12
Windsor Forest ...	49	383	40	114	0
Tuschen ...	15	81	1	35	8
Leguan ...	9	179	27	51	69
Wakenaam ...	60	488	113	113	9
Suddie ...	46	636	25	201	26
Queenstown ...	4	27	3	13	10
Bartica ...	16	133	0	38	7
	704	7,586	1,013	2,359	465

CLINIC REPORT, 1926.

District	No Clinics	Attendance of Infants		No. Infants treated	Attendances Expectant Mothers
		Under 1 Year	Over 1 Year		
Kitty ...	24	386	38	76	15
Plaisance ...	26	430	63	103	3
Beterverwaging ...	25	446	52	69	6
Buxton ...	26	427	84	172	17
Lusignan ...	4	168	10	16	96
Golden Grove ...	25	258	56	113	0
Belfield ...	11	158	60	110	8
Ann's Grove ...	12	143	6	87	0
Mahaica ...	17	190	66	115	0
Mahaicony ...	54	346	0	103	5
Cotton Tree ...	100	1,622	146	198	79
New Amsterdam ...	51	476	130	79	88
Canje-Highbury ...	73	859	223	211	130
Port Mourant ...	26	208	2	39	11
Skeldon ...	26	170	12	34	0
West Bank ...	35	283	12	58	1
Windsor Forest ...	49	397	114	151	7
Hague ...	13	230	45	63	0
Tuschen ...	2	2	2	0	0
Leguan ...	16	157	24	53	31
Wakenaam ...	15	63	35	0	0
Bartica ...	21	120	1	0	0
Suddie ...	49	666	47	34	10
Queenstown ...	17	68	5	20	8
Anna Regina ...	7	57	8	22	0
	724	8,330	1,241	1,982	560

TABLE 7.

(a) Table showing number of infants attending Clinics, 1926, number of new members enrolled and amount of subscription.

Clinic Centres		No. Infants Attending	New Members enrolled	Amount of Subscription,
Kitty	...	48	40	\$ 5 04
Plaisance	...	57	36	5 04
Beterverwagting	...	42	42	2 92
Buxton	...	60	42	7 72
Lusignan	...	71	71	1 40
Golden Grove	...	33	33	4 08
Belfield	...	58	12	2 32
Ann's Grove	...	35	29	2 88
Mahaica	...	51	30	4 56
Mahaicony	...	63	23	5 28
Fort Wellington	...	99	84	17 28
New Amsterdam	...	38	34	3 60
Canje-Highbury	...	213	108	17 80
Port Mourant	...	55	55	...
Skeldon	...	45	23	4 08
West Bank	...	77	51	10 56
Den Amstel	...	66	41	8 56
Hague	...	45	45	7 56
Wakanaam	...	21	19	3 84
Suddie	...	129	84	15 76
Bartica	...	22	20	5 80
Leguan	...	51	33	7 16
Coffee Grove	...	30	30	3 60
Queenstown	...	25	2	1 20
		1,434	987	\$148 04

(b) Deaths of Clinic Babies.

1925		1926	
No. of Deaths	Causes	No. of Deaths	Causes
17	Malaria	12	Malaria
7	Diarrhoea & Enteritis	27	Diarrhoea & Enteritis
9	Infantile Debility	3	Infantile Debility
7	Congenital Syphilis	7	Congenital Syphilis
3	Broncho Pneumonia	2	Broncho Pneumonia
1	Acute Bronchitis	7	Acute Bronchitis
3	Cause not stated	1	Prematurity
		1	Jaundice
47		60	

TABLE 8.

Percentage of Total Deaths in each year to those dying under one year of age.
1917-1926.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage
1917	9,549	1,781	18.6
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7
1923	8,468	1,609	19.0
1924	7,717	1,606	20.8
1925	7,352	1,582	21.5
1926	7,837	1,696	21.6

TABLE 9.

Causes of Infant Deaths with number and percentage due to each cause from
1917-1926.

Cause	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
Malaria	No. ... 319	350	228	200	301	300	252	266	286	299
	Per ct. 17.9	20.1	15.5	13.8	15.0	19.5	15.1	16.5	18.1	17.6
Diarrhoea & Euteritis	No. ... 242	63	232	247	324	222	267	213	170	377
	Per ct. 13.6	15.1	15.8	17.0	16.2	14.4	16.6	13.2	10.7	22.2
Syphilis	No. ... 29	18	15	24	47	27	31	50	63	83
	Per ct. 1.6	1.0	1.0	1.7	2.3	1.8	1.9	3.1	3.9	4.9
Bronchitis & Pneumonia	No. ... 183	120	127	133	233	134	150	164	181	142
	Per ct. 10.3	6.9	8.6	9.2	11.6	8.7	9.3	10.2	11.4	8.4
Premature Birth	No. ... 333	303	268	234	338	279	333	275	278	216
	Per ct. 18.7	17.4	1.82	16.1	16.9	18.2	20.7	17.1	17.6	12.7
Infantile Debility	No. ... 375	393	338	396	454	387	377	414	429	384
	Per ct. 21.0	22.9	23.0	27.3	22.7	25.2	23.4	25.7	27.1	22.6
All other Causes	No. ... 300	287	261	219	305	188	199	224	175	195
	Per ct. 16.8	16.5	17.8	15.0	15.2	12.2	12.4	13.9	11.1	11.5
Total No. deaths	1,781	1,739	1,469	1,452	2,002	1,537	1,609	1,600	1,582	1,696

TABLE 10

Nurses' Cases, 1917—1927

DISTRICT	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926
Adelphi, Opened up in 1921 ...	...	...	...	...	55	48	56	43	26	34
Agricola ...	63	56	59	61	74	54	79	80	73	96
Ann's Grove ...	3	6	...	10	57	51	82	83	77	115
Anna Regina ...	79	59	34	32	...	...	...	...	...	28
Aurora ...	27	21	20	31	32	27	23	29	25	52
Bagotville ...	15	15	16	22	35	46	54	58	66	76
Bartica, Opened up in 1924 ...	...	...	...	...	...	...	...	15	36	45
Belfield ...	32	27	29	26	35	32	49	48	74	72
Belladrum, Opened up in 1922 ...	...	...	...	...	...	35	67	55	66	59
Beterverwagting ...	37	31	40	40	45	38	53	88	61	89
Bloomfield, Opened up in 1922 ...	...	...	...	...	...	20	48	46	78	83
Buxton ...	45	24	23	24	29	17	6	16	11	58
Canal No. 1, Opened up in 1921 ...	...	...	...	...	22	...	...	...	24	61
Christianburg ...	30	26	18	36	31	25	47	32	32	46
Craig, Opened up in 1924 ...	...	...	...	...	...	...	...	38	62	76
Courtland, Opened up in 1924 ...	...	...	...	...	...	...	...	42	77	91
Danielstown ...	...	5	9	7	7	...	...	...	...	...
Den Amstel ...	1	4	5	1	7	20	29	20	61	128
Good Intent ...	39	45	21	21	32	30	27	35	37	62
Edinburgh Village, Opened up in 1924 ...	...	...	...	...	...	...	...	1	15	13
Fort Wellington, Opened up in 1923 ...	...	...	...	...	...	...	...	41	59	69
Golden Grove, Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	40
Hague, Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	79
Kitty ...	...	5	5	12	18	22	49	31	36	41
Leguan ...	8	2	...	...	...	...	...	18	71	74
Mahaica ...	27	16	6	...	15	22	30	84	62	67
Mahaica Creek ...	...	...	...	...	...	...	...	...	5	23
Mahaicony ...	76	35	25	46	81	66	124	135	98	147
Moruca ...	10	10	8	8	4	18	22	17	26	22
New Amsterdam ...	33	32	44	55	59	67	47	83	115	99
No. 8 Village, W. C. Berbice, Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	53
Plaisance ...	14	11	18	25	30	24	16	18	33	35
Pomeroon ...	14	6	11	11	15	9	12	10	12	16
Pouderoyen ...	37	53	41	51	60	52	61	78	74	90
Queenstown Opened up in 1921 ...	...	...	...	...	1	55	69	71	66	57
Riverstown Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	20
Rose Hall ...	8	9	2	12	12	...	...	46	72	65
Ruimveldt ...	43	45	36	62	72	92	82	108	88	78
Rosignol, Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	37
Sandvoorte Village, Opened up in 1926 ...	...	...	...	...	...	...	...	...	...	20
Sheet Anchor, Opened up in 1924 ...	...	...	...	...	...	...	...	34	60	63
Springlands ...	12	8	6	8	...	...	...	8	44	39
Stewartville ...	3	...	...	...	...	...	...	...	...	...
Tuschen ...	1	12	14	14	...	...	...	32	42	52
Wakenaam Opened up in 1924	41	36	55
	657	563	490	615	808	870	1136	1592	2092	2625



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THE BRITISH GUIANA
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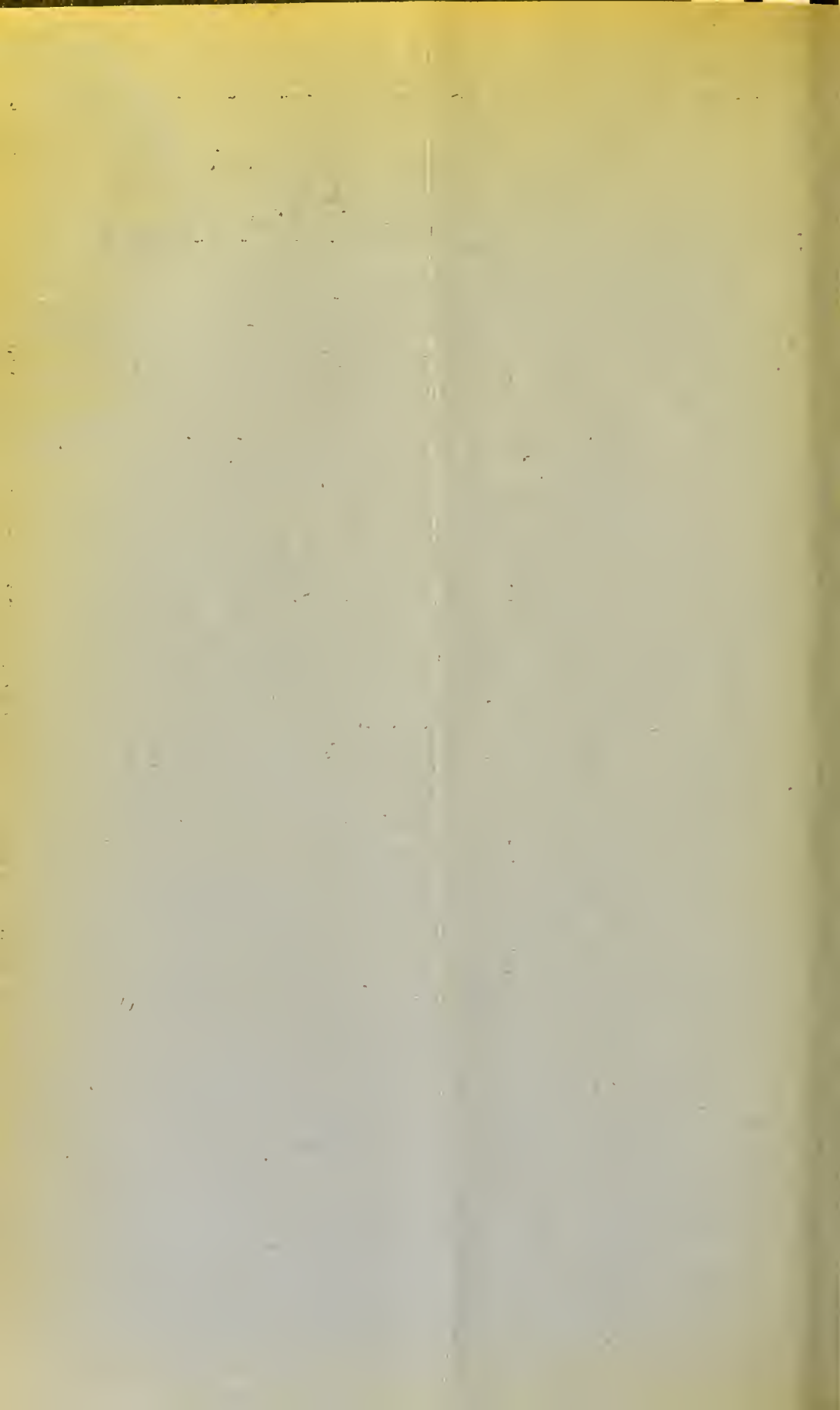
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INFANT WELFARE AND MATERNITY LEAGUE, BRITISH GUIANA.

FOURTEENTH ANNUAL REPORT, 1927.

The Infantile Mortality for the year 1927 was as follows :—

Whole Colony	... 158 per 1,000 registered births
City of Georgetown	... 138 per 1,000 registered births
Town of New Amsterdam	113 per 1,000 registered births

The Infantile Mortality for the year 19~~28~~¹⁸ was as follows :—

Whole Colony	... 223 per 1,000 registered births
City of Georgetown	... 269 per 1,000 registered births
Town of New Amsterdam	176 per 1,000 registered births

It was unfortunate that abnormal weather conditions favoured an increase of Malarial disease practically throughout the year, the result being an increase of infant and child mortality, especially in the isolated river and aboriginal Indian settlements.

The deaths from malaria of infants under one year and children between one and five years numbered 404 and 441 respectively, making a total of 845.

In connection with this disease which affects infantile mortality statistics so seriously, the League is endeavouring wherever it functions, to counteract this waste of young life, by means of propaganda, the supply of food and mosquito nets and clothing. The settlers, Aboriginal Indians and others, are learning to appreciate the value of mosquito netting and proper food for their young, judging by the number of applications which come in.

The number of midwives employed by the League in the various centres was 48.

During the year two additional midwives were appointed and were stationed at Mara and at No. 28 Village, Berbice.

The total number of confinements attended by League Nurses during 1927 was 2,661 and of this number there were 140 still-births. In 1918 the number of confinements attended and still-births were 563 and 60 respectively.

The attendances at Infant Welfare and Ante-Natal clinics have been well maintained though there is room for expansion on the Ante-Natal side.

Baby Shows subsidised by a grant from the League and organised by the various Local Committees were held at Beterverwagting, Buxton, Hague, Suddie and New Amsterdam.

These have proved successful and popular, and with the generous and hearty financial and other help afforded by local residents, it has always been feasible to arrange an extensive classified prize list for the babies who attend.

An annual subscription of one shilling is charged to mothers as the membership fee which entitles them and their children to attend Ante-Natal and Infant clinics and the children are allowed free of cost simple medicinal and surgical remedies.

Miss Nurse, Inspector of Midwives, has been on duty throughout the year and has worked whole-heartedly in promoting and maintaining the efficiency of the League. Her visits of inspection have embraced practically every district in the Colony where League Nurses are stationed,

I regret to have to record the retirement of one of our Vice-Presidents, Dr. A. T. Ozzard, who has severed his connection with the Colony.

A word of thanks and appreciation is due to Government Medical Officers for the sustained and keen interest they continue to manifest in the cause of the League.

Thanks and appreciation are also due to the members of the Central Committee in Georgetown and to the members of the Committees in New Amsterdam and other parts of the Colony for their sympathy and help in furthering the work and progress of the Infant Welfare and Maternity League in British Guiana.

The Annual Report, Ante-Natal and Infant Welfare for the City of Georgetown, 1927, is published elsewhere being embodied in the Annual Report of the Medical Officer of Health, Georgetown

P. JAMES KELLY,

President,

Infant Welfare and Maternity League.

INSPECTOR OF MIDWIVES' REPORT, 1927.

The Government Medical Officers have continued to give their services at the clinics. With but few exceptions, I am pleased to state that there has been a big increase of new members at the various centres during the course of the year.

Five new clinic centres were established during the year in the following districts—Grove, Moruca, Mara, and Nos. 65 and 71 villages on the Corentyne.

The usual propaganda for the prevention of malaria has been continued at the various centres with success. Mosquito curtains for infants were sold at cost price and in cases of real necessity given free of cost.

Six dozen tins of Lactogen were distributed amongst poor infants. The supply was inadequate for the demand. There is much need for a milk fund.

CARE OF EXPECTANT MOTHERS.

Our ante-natal work has not shown any signs of improvement.

The Nurses are experiencing great difficulties in persuading the expectant mothers in some of the districts to attend the clinics; owing to this fact, many mothers and infants are lost annually through lack of timely medical advice and treatment.

The prevalence of Malaria, Nephritis, Ankylostomiasis, and other complications, makes it absolutely necessary for prospective mothers to have medical inspection.

It is desirable to impress upon all concerned that we need the co-operation not only of Infant Welfare Midwives but of all the registered midwives not employed by the League.

We are under great obligations to the Government Medical Officers who have offered special facilities at the clinics for medical treatment to expectant mothers.

I repeat that there is much need for some form of propaganda in connection with pre-natal care to be circulated amongst the parents and the midwives in the villiages. In this connection the obtaining of propaganda literature for distribution to midwives appears desirable.

Owing to lack of progress, two of our centres were closed down during the year; as these two villages are already supplied with registered midwives, it was decided by the Committee not to fill the vacancies. In these centres new arrangements will be made when funds permit for the continuance of the clinics.

The usual annual Baby Shows were held in the following districts—Beterverwagting, Buxton, Hague, Suddie and New Amsterdam.

We are greatly indebted to Lady Rodwell, Mrs. Douglas-Jones, and members of the Central Committee for their presence and encouragement at our Baby Shows.

The assistance of our lady members of the local Committees at the clinics has been much appreciated by the mothers and staff. We hope for continued and increased support in the future.

Medals have been awarded for the best work done in the interests of child welfare during the past two years to Nurse M. Deane and Nurse M. Grey for the counties of Demerara and Berbice respectively.

V. E. NURSE,
Inspector of Midwives.

Statement of Receipts and Expenditure,—Infant Welfare and Maternity League.

1927.	RECEIPTS.	EXPENDITURE.
1. 1. 27.	To balance on hand	\$ 216 55
"	Refund from Berbice Hospital	5 00
"	Grants from Government	12,062 00
"	Anonymous Donation	150 00
"	Donation, Kitty Village Council	15 00
"	Membership Subscriptions	227 64
"	Sale of Mosquito Netting	91 35
"	Refund from M. Persick for Bicycle	48 40
"	Miscellaneous Receipts—	
"	Sale of Midwifery Bags ...	\$ 3 00
"	Appliances ...	6 78
"	Sale of Lactogen...	88
"	Refund of Advance to M. Persick, Travelling ...	1 11
		11 77
	By Salaries	\$ 412 00
	Secretary	720 00
	Inspector of Midwives	500 00
	By Grant to New Amsterdam Midwives' Subsidies	7,736 00
	" <i>Travelling</i> —	
	Inspector of Midwives	\$ 279 40
	Nurse-Midwives	1,024 63
	Baby Shows—Motor Car Hire	27 48
	By Drugs	1,331 51
	Uniform	381 14
	Printing and Stationery	332 53
	Postage and Freight	162 07
	Baby Shows	34 98
	Mosquito Netting	201 55
	Bicycle for Nurse Persick	199 92
	Maw & Sons, Midwifery Bags and Appliances, Weighing Scale, etc.	48 40
	Equipment Clinics—basins, towels, etc., material for making scale covers	127 68
	" S. Sandiford—Auditing Accounts	21 12
	" Boat for Moruca	15 00
	" House Allowance, Nurses, Moruca and Pomeroy	10 00
	" Messenger	37 50
	" Lactogen	36 90
	" Clothing sent to Moruca	24 00
	" Repairs to Typewriter	11 11
	" Sundries	10 66
		7 98
	Total Expenditure to 31.12.27.	\$ 12,362 05
	Balance on 31.12.27	465 66
		\$ 12,827 71

REPORT OF BRANCH COMMITTEES.

NEW AMSTERDAM.

Salary, Nurse-midwife	...	...	...	\$ 459.00
Drugs	...	...	...	10.24
Stationery	...	...	...	6.16
Equipment Clinic	...	...	...	143.20
Miscellaneous	...	...	...	73.64
				\$ 692.24

During the year the work has been carried on quietly, but with a fair amount of success.

As a result of the kindness of the Government in providing us quarters under the Lady Rodwell Wing, the work has been conducted there since the first of January, 1927.

The weekly Clinics at the Hospital have been held regularly under the Supervision of the Assistant Resident Surgeon and Nurse Smith. These have been fairly well attended. 390 Infants were seen and 87 treated. There were 2 clinic deaths.

We do not feel that in our Clinical Work in New Amsterdam we have reached anything like the number of Mothers and Infants that we should.

The Annual Baby Show was held on the 28th November, 1927. The attendance was fair. Mrs. A. E. Jones kindly distributed the prizes.

We cannot close this report without recording our deep indebtedness to all the members of the Committee who have attended regularly and taken an active interest in the work of the League.

Our thanks are due to the Hon. the Surgeon General for the kind and ready assistance he has given the branch; and last but not least to the Doctors and the Nurses for the valuable service they have rendered.

GERTRUDE I. COSSOU,
Honorary Secretary

KITTY.

With the advent of Dr. F. T. Wills to the district, interest in the abovenamed branch of the League was somewhat awakened in the Committee and those whom it is intended to benefit.

Clinics have been held regularly during the year and the Committee and mothers of infants have been much benefited by the interesting "talks" given them by the Doctor every alternate week.

At a Committee meeting held in September it was decided to hold a Baby Show early in the present year.

The attendance at the Clinics was much hampered towards the closing of the year, owing to the very inclement weather during that time. No Committee meetings were held then.

45 new members were enrolled during the year. The work of the League continues to progress favourably.

E. G. CAMPBELL,
Secretary.

PLAISANCE.

During 1927 regular monthly meetings were held; according to the reports of the District Nurse during that period, the work showed some progress.

J. R. S. MINGO,
Secretary.

BETERVERWAGTING.

This Branch of the League's work is in a healthy condition. Year by year greater interest is aroused and our present membership shows an increase over the previous years.

Clinics were well attended and instructions to mothers delivered monthly by the district Government Medical Officer, Dr. Wills, to whom some meed of praise is due.

A new and interesting feature in our work during the year under review was the formation of a Sewing Guild of the mothers under the supervision of Miss V. Nurse, the enthusiastic Inspector of Midwives. Some well-made and useful garments were produced and exhibited at the Annual Show. These were given to the babies who did not receive prizes. Much interest was aroused and the mothers of the recipients seemed very grateful.

In addition to the Sewing Class, mothers were asked to construct home-made cots for their babies. Several were made and exhibited, and Dr. Wills gave two prizes for the best.

The Annual Show held on the 20th June, excelled our previous ones in every respect.

To Mrs. Douglas-Jones, the Hon. Surgeon General, the Central Committee and the other good ladies and gentlemen who assisted us, we beg to return thanks.

Once again it is our pleasure to record that the zeal of Mrs. Clarke, our esteemed President, remains unabated and the local Committee supports her in every undertaking for the well-being and usefulness of the League.

ANNIE M. GRANT,

Honorary Secretary

BUXTON.

The Chief feature of the year under review has been the Baby Show held on 5th December, which came off successfully, prizes being awarded to 24 babies.

The usual Clinics were held and the attendance was praiseworthy ; 51 new babies were enrolled during the year.

The League Nurse paid her usual visits of encouragement and advice.

L. OGLE,

Secretary,

GOLDEN GROVE.

A new Committee for the above Branch was formed on March 2nd, 1927, by Dr. de Freitas who explained the work of the Clinics and hoped the members of the Committee would interest themselves in it.

Seven Committee Meetings were held during the year.

The Paradise Clinic was opened in February and one was held each month ; eighteen members were enrolled, one baby died during the year.

The Committee organised its first Baby Show on August 29th, when sixty-five Babies were present. Twenty-two were Prize-Winners. Each of the babies who were not fortunate in winning a prize was presented with a small garment by the Committee as a consolation.

The Judges for the Show were Dr. Rose, Dr. Chow, Dr. Subryan, Dr. Johnson, Mrs. Rose, Mrs. Chow, Mrs. Norman-Smith and Miss V. Nurse. The Show was pronounced a success by all who attended.

Twenty-eight cases were treated successfully by the Nurse-Midwife.

Our thanks are due to Dr. Q. B. De Freitas who takes great pains and interest in the work, also to Dr. L. R. Sharples and Dr. J. E. Chow for their interest in the work during our own Doctor's leave of absence.

In conclusion I should like to thank the President and Committee for their work during the past year, also the Rev. W. H. Townsend for lending Paradise School in which the Clinics are held, also the Nurse-midwife for all her help to keep the Clinics alive.

E. E. TOWNSEND,
Honorary Secretary

BELFIELD.

Mrs. H. A. Thompson has resigned her membership as she has left the District.

No Committee Meetings were held during 1927, owing to the inclemency of the weather on most Clinic days; some of the Clinics were rather poorly attended, but of the members on roll only 2 deaths occurred. Most of the babies bear a good record from the parents following the instructions given to them.

C. JOSEPH,
Honorary Secretary.

MAHAICA.

I beg to report that after a lapse of four months the work of this Branch was resuscitated in February 1927.

Dr. J. E. R. Ramdeholl, the former President felt that such a movement should be revived, therefore new committee members along with the old workers were elected, also a Treasurer and a Secretary.

Some propaganda work was done, and it is interesting to note that the membership at both Clinics—Mahaica, and Supply—is over 40. But this can be improved to a great degree as the district is a very large one.

During the year, Dr. J. E. R. Ramdeholl resigned as President and was succeeded by Dr. C. R. Subryan, who, after a short period gave place to Dr. J. Ewing Chow. In November last, the Reverend J. B. Brooms was asked to take over the Presidency, to which he readily consented.

The Medical Officers who have left us did their work in a very satisfactory manner and we are extremely grateful.

The attendance at the Clinics which are held monthly has been fair. We hope there will be a marked improvement next year.

Ten Committee meetings were held during the year under review.

The members have been painstaking and earnest and have done their best to achieve much.

In conclusion, we are very grateful to our Medical Officer, Dr. J. Ewing Chow, our President, Rev. J. E. Brooms, the Committee members, the Treasurer and the Nurse-midwife for their assistance.

A. C. Z. RODNEY.

LEONORA.

Honorary Secretary.

The work of the League at Den Amstel and Windsor Forest waned a bit during 1927. No Baby Show was held. Nurse Barker resigned owing to ill-health and Nurse Knights was appointed her successor. It is hoped that by the information of a committee at Windsor Forest, greater success will be achieved.

The Hague-Stewartville Branch continues to give entire satisfaction owing to the deep interest manifested by the local Committee. On 23rd March 1927, the first Baby Show was held with great success. Lady Rodwell very kindly presided and graciously distributed the prizes.

SUDDIE.

Clinics have been held regularly throughout the district during 1927—fortnightly at Riverstown, Aurora and Supenaam, and weekly at Suddie Hospital; the attendance is fairly good at all these centres and the Nurses' visits and work are being slowly but surely appreciated and used in their several districts.

A third Nurse is urgently needed for the district north of Suddie; there are several scattered but well populated villages where a Nurse-Midwife would find ample scope to be of real use to the community.

A Baby Show was held at Suddie in May at which 141 Mothers and Babies were present. The Committee begs to thank all those who so willingly helped to make the show the success which it was. The sum of \$26 was subscribed towards the prize list.

The Committee also thanks Dr. Glavina and Dr. Hay for their help and interest in the League.

M. GREGORY,

SPRINGLANDS.

Honorary Secretary.

At the beginning of the year only one clinic was in operation. This was held once a month at the Doctor's house. There was a membership of 31.

Nurse Niles, who was appointed 1st September, 1926, to No. 78 and 79 villages, was removed to No. 64 in May, 1927. There was greater need for her services as a midwife at that point. With her removal to No. 64, two new clinics were started, one at the Canadian School at No. 71, where 22 members were admitted. The other at No. 59 soon had a membership of 30.

Mrs. Essex on her arrival in the Colony readily consented to be President of the Committee which was about to be formed. The Committee began to function on December 6th.

D. TAITT, Secretary.

TABLE I.
 INFANTILE MORTALITY.
 RATE PER 1,000 BIRTHS.
Whole Colony and each Race.

Year	Whole Colony	European	Portuguese	East Indian	Chinese	Black	Mixed
1918	223	0	157	241	143	236	193
1919	185	0	234	175	192	201	161
1920	148	75	145	143	52	161	147
1921	195	79	141	189	101	216	168
1922	186	40	114	194	141	205	126
1923	177	56	205	179	77	136	186
1924	165	44	163	163	171	172	146
1925	155	...	102	168	115	160	123
1926	159	51	123	132	59	191	163
1927	158	...	104	153	26	163	139

TABLE 2.
 INFANTILE MORTALITY.
 RATE PER 1,000 BIRTHS.

Year	City of Georgetown	Town of New Amsterdam
1918	269	176
1919	223	278
1920	202	143
1921	238	247
1922	199	144
1923	190	188
1924	176	178
1925	156	162
1926	174	216
1927	138	113

INFANTILE MORTALITY IN THE WHOLE COLONY.

From 1918 to 1927.

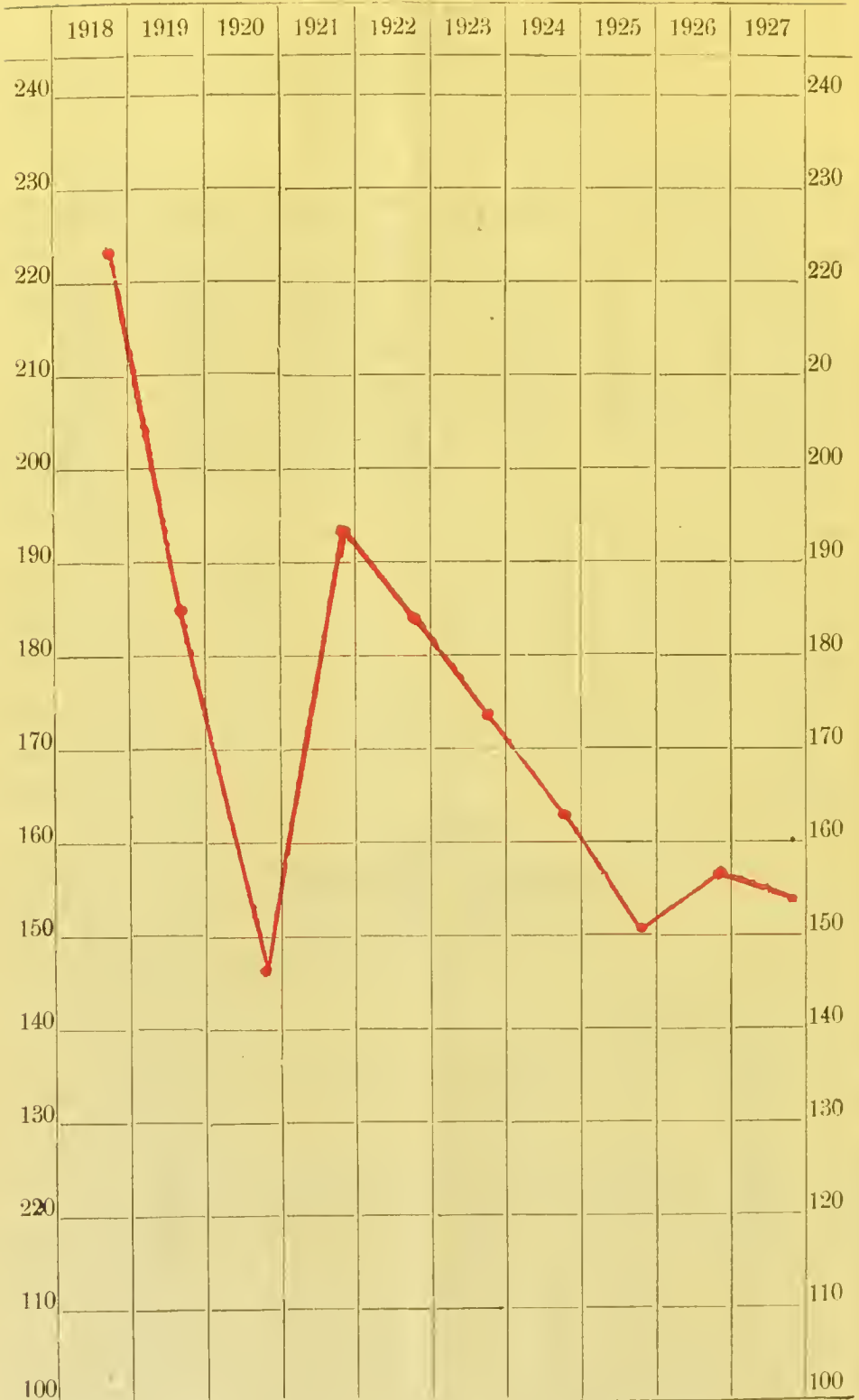


TABLE 3.

BIRTHS

Whole Colony and Georgetown

Year	Whole Colony		Georgetown.				League Nurses' Cases.	
	Live Births.	Still Births	Registration Area.		City Area		Live Births	Still Births
			Live Births	Still Births	Live Births	Still Births		
1918	7,791	751	1,456	163	1,445	137	563	60
1919	7,938	658	1,555	161	1,502	136	490	37
1920	9,788	796	1,763	205	1,616	137	615	62
1921	10,287	892	1,817	228	1,716	185	808	70
1922	8,274	797	1,692	212	1,612	174	870	56
1923	9,109	845	2,025	267	1,883	223	1,136	64
1924	9,725	822	1,978	211	1,862	173	1,592	85
1925	10,197	787	2,086	217	1,905	187	2,092	108
1926	10,653	736	2,154	200	1,987	444	2,491	116
1927	10,041	777	1,803	186	1,650	133	2,486	140

TABLE 4

Nurses' Cases, January—December, 1927

DISTRICT	Nurse-Midwife	No. Cases	Infants' Deaths	Still Births	Mothers' Deaths
Kitty	L. Statia	42	1	3	...
Plaisance	H. Nelson	8	...	2	...
Beterverwagting	M. Simpson	76	4	3	1
Buxton	J. Carter	54	2	3	...
Golden Grove	L. Perry	28	...	...	...
Victoria	C. Jordan	58	3	3	...
Ann's Grove	J. Goddard	91	3	4	2
Mahaica	R. Collins	65	3	3	1
Mahaica Creek	A. Thornhill	36	...	2	2
Mahaicony	U. Beaton	57	...	4	...
Airy Hall	A. Joyce	63	6	4	1
DeKinderen	M. Chichester	66	2	...	1
Belladrum	L. Hazelwood	58	4	5	1
Hopetown	M. Grey	115	6	2	2
No. 28 Village	P. Lewis	16	...	1	2
No. 8 Village	A. Dannett	54	2	2	1
Rosignol	L. Dannett	39	2	2	1
New Amsterdam	A. Smith	94	...	4	...
Adelphi	V. Westmoreland	19	...	1	...
Sheet Anchor	M. Parris	69	4	5	1
Edinburgh Village	C. Sutherland	26	2	2	...
Mara	R. Canterbury	28	2	4	1
Sandvoort	L. Timmers	30	4	3	1
Fryish Village	M. Clarke	64	2	4	1
Rose Hall	D. Jack	94	2	3	2
Bloomfield	D. Jaundoo	71	3	1	1
No. 64 Village	M. Niles	110	4	3	1
Pln. Ruimveldt	C. DeCorum	34	2	1	...
Agricola	K. Millington	78	4	3	1
Craig & Grove	A. Wong	69	4	8	...
Pouderoyen	M. Jackson	76	5	1	12
Bagotville	G. Masou	71	2	6	11
No. 1 Canal Polder	T. Croker	34	...	1	...
Good Intent	L. Glen	53	2	4	...
Den Am'l & W. F't	S. Barker	104	5	6	1
Hague & A. Cath'a	M. Deane	101	8	6	3
Tuschen	T. Morrison	57	2	2	...
Leguan	M. Cox	88	2	5	1
Sans Souei, Wak'm	E. Fortune	39	4	2	...
Zeelandia	E. Holder	48	1	2	1
Christianburg	A. David	18	1	...	1
Bartica	E. Shury	51	4	10	1
Riverstown	C. Rubins	54	2	5	...
Aurora	D. Mack	36	3	2	...
Queenstown	E. Garraway (C. Smith)	47	...	3	3
Coffee Grove	W. Stoute	34	1	...	...
Pomeroon	R. James	34	3	...	1
Moruca	M. Persick	4	1	...	...
		2,661	117	140	39
Nurses' Cases	Still Births	Mis-carriages	Infants' Deaths	Mothers' Deaths	
2,661	140	35	117	39	

Infantile Death Rate, 47.1 per 1,000

Maternal Death Rate, 14.7 per 1,000

TABLE 5.—CLINIC REPORT, 1926.

District	No Clinics	Attendances of Infants		No. Infants treated	Attendance Expectants Mothers
		Under 1 Year	Over 1 Year		
Kitty ...	24	386	38	76	15
Plaisance ...	26	430	63	103	3
Betervewagting ...	25	446	52	69	6
Buxton ...	26	427	84	172	17
Lusignan ...	4	168	10	16	96
Golden Grove ...	25	258	56	113	0
Belfield ...	11	158	60	110	8
Ann's Grove ...	12	143	6	87	0
Mahaica ...	17	190	66	115	0
Mahaicony ...	54	346	0	103	5
Cotton Tree ...	100	1,622	146	198	79
New Amsterdam ...	51	476	130	79	88
Canje-Highbury ...	73	859	223	211	130
Port Mourant ...	26	208	2	39	11
Skeldon ...	26	170	12	34	0
West Bank ...	35	283	12	58	1
Windsor Forest ...	49	397	114	151	7
Hague ...	13	230	45	63	0
Tuschen ...	2	2	2	0	0
Leguan ...	16	157	24	53	31
Wakenaam ...	15	63	35	0	0
Bartica ...	21	120	1	34	10
Suddie ...	49	666	47	36	48
Queenstown ...	17	68	5	20	8
Anna Regina ...	7	57	8	22	0
	724	8,330	1,241	1,982	563

CLINIC RETURNS, JANUARY—DECEMBER, 1927.

District	Government Medical Officer	No. Clinics	Attendance of Infants		No. Infants treated	Expectant Mothers	No. Treated
			Under 1 Year	Over 1 Year			
Kitty ...	Dr. F. T. Wills	22	324	19	80	4	4
Plaisance ...	"	23	362	51	85	Nil	Nil
Beterverwagting ...	"	24	833	62	102	11	4
Buxton ...	" Q. B. deFreitas	24	666	80	233	83	63
Golden Grove ...	"	30	465	65	112	6	3
Pln. Lusignan ...	"	39	727	91	61	111	4
Victoria ...	" J. E. R. Ramdeholl	12	172	55	79	4	2
Ann's Grove ...	"	12	165	20	80	Nil	Nil
Mahaica ...	"	21	176	58	86	"	"
Mahaicony ...	" G. Carto	7	30	Nil	16	"	"
Cotton Tree Dist ...	" R. Miller	79	1203	79	148	27	Nil
New Amsterdam ...	" C. R. Subryan	44	321	109	87	83	6
Canje-Highbury ...	" A. C. L. LaFrenais	63	367	209	222	30	11
Port Mourant ...	" L. R. Sharples	21	309	15	85	12	3
Springlands ...	" D. J. Taitt	27	258	9	42	1	1
East Bank ...	" W. G. Boase	46	442	34	109	Nil	Nil
West Bank ...	" J. Nedd	32	237	24	64	26	8
Den Amstel ...	" R. N. Cozier	38	159	92	32	Nil	Nil
Anna Catherina ...	"	26	285	131	112	6	Nil
Leguan ...	" G. T. G. Boyce	22	159	17	43	2	2
Wakenaam ...	" W. D. Pollard	43	269	26	84	4	Nil
Bartica ...	" E. G. H. Payne	22	119	20	50	24	19
Suddie ...	" J. E. Chow	97	1316	149	226	54	14
Queenstown ...	" J. Glavina	20	240	17	123	8	2
Coffee Grove ...	"	21	365	75	209	Nil	Nil
Moruca ...	" O. M. Francis & Dis- penser M. B. Trotman	9	54	11	20	1	1
	Total	824	10,023	1,518	2,590	497	147

TABLE 6.

(a) Table showing number of Infants attending Clinics, 1927, number of new members and amount of subscription.

Clinic Centres		No. Infants Attending	New Members enrolled	Amount of Subscription.
Kitty	...	61	45	\$ 4 80
Plaisance	...	63	35	7 08
Beterverwagting	...	72	53	6 55
Buxton	...	97	55	11 52
Pln. Lusignan	...	112	46	...
Golden Grove	...	75	57	7 44
Bachelor's Adventure	...	18	18	...
Belfield	...	47	23	2 84
Ann's Grove	...	49	22	6 24
Mahaica	...	52	30	6 86
Mahaicony	...	21	11	2 88
Fort Wellington	...	175	97	16 80
Canje-Highbury	...	136	88	14 04
Rose Hall	...	42	20	10 08
Bloomfield	...	46	46	10 94
Fyrish Village	...	20	20	4 80
Springlands	...	77	69	17 04
New Amsterdam	...	30	20	94
Ruimveldt	...	15	10	1 68
Agricola	...	27	27	4 56
Grove	...	55	55	12 96
Pouderoyen	...	51	33	2 16
Bagotville	...	17	12	48
Good Intent	...	26	5	48
Den Amstel	...	51	17	2 76
Hague	...	53	32	6 24
Leguan	...	40	27	5 48
Wacknaam	...	44	28	6 96
Aurora	...	69	40	5 44
Riverstown	...	64	46	9 60
Suddie	...	59	30	12 56
Bartica	...	29	13	8 68
Coffee Grove	...	55	41	6 48
Queenstown	...	25	25	10 26
Moruca	...	12	12	...
		1,885	1,208	\$227 64

(b) Deaths of Clinic Babies.

1926		1927	
No. of Deaths	Causes	No. of Deaths	Causes
12	Malaria	31	Malaria
27	Diarrhoea & Enteritis	15	Diarrhoea & Enteritis
3	Infantile Debility	6	Infantile Debility
7	Syphilis	8	Syphilis
9	Respiratory Diseases	21	Respiratory Diseases
1	Prematurity	1	Toxaemia
1	Jaundice	4	Not medically certified
60		86	

TABLE 7.

Percentage of Total Deaths in each year to those dying under one year of age.
1918-1927.

Year.	Number of Deaths.	Number of Deaths under one year.	Percentage
1918	12,614	1,739	13.8
1919	12,377	1,469	14.1
1920	7,879	1,453	18.4
1921	9,200	2,002	21.8
1922	8,663	1,537	17.7
1923	8,468	1,609	19.0
1924	7,717	1,606	20.8
1925	7,352	1,582	21.5
1926	7,837	1,696	21.6
1927	8,024	1,589	19.8

TABLE 8.

Causes of Infant Deaths with number and percentage due to each cause from
1918-1927.

Cause	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
Malaria	{ No. ... 350	{ No. ... 228	{ No. ... 200	{ No. ... 301	{ No. ... 300	{ No. ... 252	{ No. ... 266	{ No. ... 286	{ No. ... 299	{ No. ... 404
	{ Per ct. 20.1	{ Per ct. 15.5	{ Per ct. 13.8	{ Per ct. 15.0	{ Per ct. 19.5	{ Per ct. 15.1	{ Per ct. 16.5	{ Per ct. 18.1	{ Per ct. 17.6	{ Per ct. 25.4
Diarrhoea & Enteritis	{ No. ... 63	{ No. ... 232	{ No. ... 247	{ No. ... 324	{ No. ... 222	{ No. ... 267	{ No. ... 213	{ No. ... 170	{ No. ... 377	{ No. ... 156
	{ Per ct. 15.1	{ Per ct. 15.8	{ Per ct. 17.0	{ Per ct. 16.2	{ Per ct. 14.4	{ Per ct. 16.6	{ Per ct. 13.2	{ Per ct. 10.7	{ Per ct. 22.2	{ Per ct. 9.8
Syphilis	{ No. ... 18	{ No. ... 15	{ No. ... 24	{ No. ... 47	{ No. ... 27	{ No. ... 31	{ No. ... 50	{ No. ... 63	{ No. ... 83	{ No. ... 44
	{ Per ct. 1.6	{ Per ct. 1.0	{ Per ct. 1.7	{ Per ct. 2.3	{ Per ct. 1.8	{ Per ct. 1.9	{ Per ct. 3.1	{ Per ct. 3.9	{ Per ct. 4.9	{ Per ct. 2.8
Bronchitis & Pneumonia	{ No. ... 120	{ No. ... 127	{ No. ... 133	{ No. ... 233	{ No. ... 134	{ No. ... 150	{ No. ... 164	{ No. ... 181	{ No. ... 142	{ No. ... 163
	{ Per ct. 6.9	{ Per ct. 8.6	{ Per ct. 9.2	{ Per ct. 11.6	{ Per ct. 8.7	{ Per ct. 9.3	{ Per ct. 10.2	{ Per ct. 11.4	{ Per ct. 8.4	{ Per ct. 10.3
Premature Birth	{ No. ... 303	{ No. ... 268	{ No. ... 234	{ No. ... 338	{ No. ... 279	{ No. ... 333	{ No. ... 275	{ No. ... 278	{ No. ... 216	{ No. ... 261
	{ Per ct. 17.4	{ Per ct. 1.82	{ Per ct. 16.1	{ Per ct. 16.9	{ Per ct. 18.2	{ Per ct. 20.7	{ Per ct. 17.1	{ Per ct. 17.6	{ Per ct. 12.7	{ Per ct. 16.4
Infantile Debility	{ No. ... 393	{ No. ... 338	{ No. ... 396	{ No. ... 354	{ No. ... 387	{ No. ... 377	{ No. ... 414	{ No. ... 429	{ No. ... 384	{ No. ... 364
	{ Per ct. 22.9	{ Per ct. 23.0	{ Per ct. 27.3	{ Per ct. 22.7	{ Per ct. 25.2	{ Per ct. 23.4	{ Per ct. 25.7	{ Per ct. 27.1	{ Per ct. 22.6	{ Per ct. 22.9
All other Causes	{ No. ... 287	{ No. ... 261	{ No. ... 219	{ No. ... 305	{ No. ... 188	{ No. ... 19.9	{ No. ... 224	{ No. ... 175	{ No. ... 195	{ No. ... 197
	{ Per ct. 16.5	{ Per ct. 17.8	{ Per ct. 15.0	{ Per ct. 15.2	{ Per ct. 12.2	{ Per ct. 12.4	{ Per ct. 13.9	{ Per ct. 11.1	{ Per ct. 11.5	{ Per ct. 12.4
Total No. deaths	1,739	1,469	1,452	2,002	1,537	1,609	1,600	1,582	1,696	1,589

TABLE 9

Nurses' Cases, 1918—1927

DISTRICT	1918	1919	1910	1921	1922	1923	1924	1925	1926	1927
Adelphi, Opened up in 1921 ...	...	...	...	55	48	56	43	26	34	19
Agricola ...	56	59	61	74	54	79	80	73	96	78
Ann's Grove ...	6	...	10	57	51	82	83	77	115	91
Anna Regina ...	59	34	32	...	...	...	...	...	28	...
Aurora ...	21	20	31	32	27	23	29	25	52	36
Bagotville ...	15	16	22	35	46	54	58	66	76	71
Bartica, Opened up in 1924 ...	...	...	...	...	...	...	15	36	45	51
Belfield ...	27	29	26	35	32	49	48	74	72	58
Belladrum, Opened up in 1922 ...	...	...	...	...	35	67	55	66	59	58
Hopetown ...	...	...	...	...	...	...	...	...	...	115
No. 28 Village ...	...	...	...	...	...	...	...	...	...	116
Betervwaging ...	31	40	40	45	38	53	88	61	89	76
Bloomfield, Opened up in 1922 ...	...	...	...	...	20	48	46	78	83	71
No. 64 Village ...	...	...	...	...	...	...	...	...	...	110
Buxton ...	24	23	24	29	17	6	16	11	58	54
Canal No. 1, Opened up in 1921 ...	...	...	...	22	...	...	...	24	61	34
Christianburg ...	26	18	36	31	25	47	32	32	46	18
Craig, Opened up in 1924 ...	...	...	...	...	...	...	38	62	76	69
Courtland, Opened up in 1924 ...	...	...	...	...	...	...	42	77	91	...
Danielstown ...	5	9	7	7	...	...	...	...	...	...
Den Amstel ...	4	5	1	7	20	29	20	61	128	104
Good Intent ...	45	21	21	32	30	27	35	37	62	53
Edinburgh Village ...	...	...	...	...	...	...	1	15	13	26
Mara ...	...	...	...	...	...	...	...	...	...	28
Fort Wellington ...	...	...	...	...	...	...	...	...	...	28
Golden Grove ...	...	...	...	...	...	...	41	59	69	34
Hague, Opened up in 1926 ...	...	...	...	...	...	...	...	...	40	28
Kitty ...	5	5	12	18	22	49	31	36	79	101
Leguan ...	2	...	...	...	...	...	18	71	74	88
Mahaica ...	16	6	...	15	22	30	84	5	67	65
Mahaica Creek ...	...	...	...	...	...	...	...	62	23	36
Mahaicony ...	35	25	46	18	66	124	135	98	147	120
DeKinderen ...	...	...	...	...	...	...	...	...	...	66
Moruca ...	10	8	8	4	18	22	17	26	22	4
New Amsterdam ...	32	44	55	59	67	47	83	115	99	94
No. 8 Village, W. C. Berbice ...	...	...	...	...	...	...	...	...	53	54
Plaisance ...	11	18	25	30	24	16	18	33	35	8
Pomeroon ...	6	11	11	15	9	12	10	12	16	34
Pouderoyen ...	53	41	51	60	52	61	78	74	90	76
Queenstown, Opened up in 1921 ...	...	...	...	1	55	69	71	66	57	47
Riverstown, Opened up in 1926 ...	...	...	...	...	...	...	...	...	20	54
Rose Hall ...	9	2	12	12	...	...	46	...	65	94
Ruimveldt ...	45	36	62	72	92	82	108	88	78	34
Rosignol, Opened up in 1926 ...	...	...	...	...	...	...	...	...	37	39
Sandvoort ...	...	...	...	...	...	...	...	...	20	30
Fyrish Village ...	...	...	...	...	...	...	...	...	...	64
Sheet Anchor, Opened up in 1924 ...	...	...	...	...	...	...	34	60	63	69
Springlands ...	8	6	8	...	...	...	8	44	39	...
Stewartville ...	...	...	...	...	...	...	...	...	...	...
Tuschen ...	12	14	14	...	...	...	32	42	52	57
Wakenaar, Opened up in 1924	41	36	55	87
	563	490	615	808	870	1136	1592	2092	2625	2621











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